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Vol. 1 DECEMBER, 1917 No. 2

THE HAMILTON COLLEGE BULLETIN

ANNUAL CATALOGUE

ONE HUNDRED AND SIXTH YEAR

1917–1918

CLINTON, N. Y.
PUBLISHED BY THE COLLEGE
1917

Vol. 1 DECEMBER, 1917 No. 2

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Published by the College four times a year, in April, June, November and December. Application made for entry as second-class mail matter at the post-office at Clinton, New York, under the Act of Congress of August 24, 1912.

COLLEGE CALENDAR

First Term, 1917-1918

1917

Sept. 20 Thursday, 8:30 a. m., Beginning of the College Year.

Christmas Recess, from December 18, Tuesday, 5:30 p. m., to January 5, Saturday, 8 a. m.

1918

Jan. 24-30 Thursday to Wednesday, Term Examinations.

Second Term

Jan. 31 Thursday, 8 a. m., Beginning of the Second Term.
Feb. 2 Saturday, Delinquent Examinations.
Feb. 17 Sunday, Day of Prayer for Colleges.
Feb. 22 *Friday, Washington's Birthday.*
Mar. 6 Wednesday, before noon, Clark Prize Orations due.

Easter Recess, from March 28, Thursday, 5:30 p. m., to April 9, Tuesday, 8 a. m.

Apr. 8 Monday, Delinquent Examinations.
Apr. 13 Saturday, before noon, Head, Pruyn, and Kirkland Prize Orations due.
May 11 *Saturday, from 10:30, Inter-Academic Day.*
May 19 Sunday, Annual Y. M. C. A. Report.
May 25 Saturday, Southworth Prize Examination in Physics.
May 28 Tuesday, Annual Drawing for Rooms.
Underwood Prize Examination in Chemistry.
Tower Prize Examination in Spanish.
May 29 Wednesday, 8 p. m., Clark Prize Exhibition.
May 30 *Thursday, Memorial Day.*
May 31 Friday, Tower Prize Examination in French.
May 31-June 6 Friday to Thursday, Final Senior Examinations.
June 1 Saturday, Tompkins Prize Examination in Mathematics.
Warfield Prize Examination in German.
June 6-7 Thursday and Friday, Curran and Hawley Prize Examinations in Greek and Latin.

June 6-12 Thursday to Wednesday, Term Examinations.
June 13 Thursday, Final Chapel. Announcement of the Honors and Prizes of the Year.

Commencement Week

June 13 Thursday, McKinney Prize Speaking, 4 p. m.
June 14 Friday, Meeting of the Trustees, 2 p. m.
Class Day, 4 p. m.
McKinney Prize Debate, 8 p. m.
June 15 Saturday, Alumni Day. Meeting of the Alumni Association, 10:30 a. m. Class Reunions.
June 16 Sunday, Baccalaureate Sermon, 4 p. m.
June 17 Monday, 106th Commencement, 10 a. m.

SUMMER VACATION OF THIRTEEN WEEKS

July 8 to August 16, Summer School of English.

First Term, 1918-1919

Sept. 16-18 Monday to Wednesday, Entrance Examinations.
Sept. 17-18 Tuesday and Wednesday, Delinquent Examinations.
Sept. 18 Wednesday, Registration of New Students.
New Students meet the Dean in the Chapel, 5 p. m.
Sept. 19 Thursday, 8:00 a. m., Beginning of the Academic Year.
Oct. 10 Thursday, before noon, Soper Theses due.
Oct. 10 Thursday, from 12:30, Autumn Field Day.
Nov. 28 Thursday, Thanksgiving Day.

Christmas Recess, from December 19, Thursday, 5:30 p. m., to January 3, Friday, 8 a. m.

1919
Jan. 20-25 Monday to Saturday, Term Examinations.

THE TRUSTEES

	ELECTED	TERM
HON. ELIHU ROOT, LL.D., R.P.D., D.C.L., New York, *Chairman*	1883	
HON. CHARLES A. HAWLEY, LL.D., Seneca Falls	1884	
GEORGE E. DUNHAM, A.M., Utica, *Clerk*	1891	1922
EX-PRES. M. WOOLSEY STRYKER, D.D., LL.D., Rome	1892	1924
JOHN N. BEACH, A.M., Brooklyn	1896	
ALEXANDER C. SOPER, A.M., Lakewood, N. J.	1897	
HENRY H. BENEDICT, A.M., New York	1897	
CHARLES B. ROGERS, A.M., Utica	1899	
BENJAMIN W. ARNOLD, A.M., Albany	1901	
SAMUEL F. ENGS, A.B., Great Barrington, Mass.	1904	1924
HON. FREDERICK W. GRIFFITH, A.M., Palmyra	1907	1921
HON. ABEL E. BLACKMAR, LL.D., Brooklyn	1908	1922
HON. JOSEPH I. FRANCE, PH.D., M.D., Baltimore, Md.	1909	1923
REV. ROBERT G. MCGREGOR, D.D., New Rochelle	1910	1924
REUBEN L. MAYNARD, A.M., New York	1910	1924
JOSEPH RUDD, PH.B., Clinton	1910	1924
REV. LOUIS G. COLSON, A.B., Camden	1911	1918
HENRY MURRAY ANDREWS, A.M., New York	1912	1919
WILLIAM M. BRISTOL, A.B., Brooklyn	1912	1919
REV. ARTHUR S. HOYT,* D.D., Auburn	1912	1920
THOMAS R. PROCTOR, A.M., Utica	1913	1920
DANIEL BURKE, A.M., New York	1913	1920
BAYARD L. PECK,* A.M., New York	1916	1919
PRES. FREDERICK C. FERRY, PH.D., SC.D., LL.D., Clinton	1917	
HON. WARREN I. LEE,* A.M., New York	1917	1921
HAMILTON B. TOMPKINS, A.M., New York	1917	1924
ROBERT M. POMEROY, A.M., Buffalo	1917	1924

*Elected by the Alumni of the College.

COMMITTEES OF THE TRUSTEES

Executive Committee: MESSRS. FERRY, DUNHAM, GRIFFITH, ROGERS, RUDD.

Ways and Means: MESSRS. SOPER, BENEDICT, MAYNARD, BRISTOL, BURKE.

Instruction and Government: MESSRS. HOYT, BLACKMAR, GRIFFITH, ANDREWS, LEE.

Laboratory, Cabinet, and Apparatus: MESSRS. ENGS, ARNOLD, COLSON, FRANCE, PROCTOR.

Library: MESSRS. PROCTOR, MCGREGOR, BENEDICT, RUDD.

Degrees: MESSRS. FERRY, HAWLEY, STRYKER, MCGREGOR, HOYT.

Buildings and Grounds: MESSRS. ROOT, STRYKER, GRIFFITH, FERRY, BURKE.

Undergraduate Activities: MESSRS. BRISTOL, ENGS, COLSON, PECK, LEE.

College Growth: MESSRS. DUNHAM, FERRY, STRYKER, PROCTOR, BRISTOL, GRIFFITH, COLSON.

TREASURER

CHARLES B. ROGERS, First National Bank, Utica.

THE FACULTY*

FREDERICK CARLOS FERRY.....*President of the College and Professor of Mathematics.*

A.B., Williams, 1891; A.M., Williams, 1894, and Harvard, 1895; Ph.D., Clark, 1898; Sc.D., Colgate, 1909; LL.D., Hamilton, and Williams, 1917.

HERMAN CARL GEORGE BRANDT.....*Munson Professor of the German Language and Literature.*

A.B., Hamilton, 1872; Ph.D., 1896; L.H.D., Colgate, 1910.

EDWARD FITCH.....*Edward North Professor of Greek.*

A.B., Hamilton, 1886; Ph.D., Göttingen, 1896.

ALBRO DAVID MORRILL.....*Stone Professor of Biology.*

B.S., Dartmouth, 1876; M.S., 1879; A.M., Belmont College, 1885.

WILLIAM HARDER SQUIRES.....*John Stewart Kennedy Professor of Philosophy.*

A.B., Hamilton, 1888; A.M., 1891; Ph.D., Leipzig, 1901.

SAMUEL J. SAUNDERS.....*Professor of Physics and Instructor in Astronomy upon the Litchfield Foundation. Registrar.*

A.B., Toronto, 1888; A.M., 1893; D.Sc., Cornell, 1894.

WILLIAM PIERCE SHEPARD.....*Burgess Professor of the Romance Languages and Literatures.*

A.B., Hamilton, 1892; A.M., 1893; Ph.D., Heidelberg, 1896.

JOSEPH DARLING IBBOTSON.....*Librarian. Instructor in Hebrew.*

A.B., Hamilton, 1890; A.M., 1894.

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*Arranged in the order of appointment to rank.

ARTHUR PERCY SAUNDERS.....*Childs Professor of Agricultural and of General Chemistry; Dean.*

A.B., Toronto, 1890; Ph.D., Johns Hopkins, 1894.

FRANK HOYT WOOD...*James S. Sherman Memorial Professor of Political Science.*

A.B., Syracuse, 1891; A.M., 1894; A.B., Harvard, 1892; Ph.D., Leipzig, 1900.

FREDERICK MORGAN DAVENPORT.....*Maynard-Knox Professor of Law and Civil Polity.*

A.B., Wesleyan, 1889; Ph.D., Columbia, 1905; LL.D., Wesleyan, 1917.

WILLIAM MASSEY CARRUTH..*Pratt Professor of Mathematics.*

A.B., Cornell, 1901.

CALVIN LESLIE LEWIS.....*Upson Professor of Rhetoric and Oratorical Training; Director of the Summer School of English.*

A.B., Hamilton, 1890; A.M., New York University, 1901.

HORACE SEELY BROWN.....*Professor of Mathematics; Clerk of the Faculty.*

B.S., Lafayette, 1899; M.S., 1905.

CLEVELAND KING CHASE..*Benjamin-Bates Professor of Latin.*

A.B., Oberlin, 1891; A.M., 1896.

FRANK HUMPHREY RISTINE*.....*Professor of the English Language and Literature.*

A.B., Wabash, 1905; A.M., Columbia, 1907; Ph.D., 1910.

NELSON CLARK DALE.....*Professor of Geology.*

B.S., Middlebury, 1903; A.M., Brown, 1909; Ph.D., Princeton, 1914.

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*Absent on leave, in military service.

RALPH CLEWELL SUPER.....*Associate Professor of Spanish, French, and German.*

A.B., Ohio University, 1895; Diploma of Grenoble, France, 1899.

EDWIN LEAVITT CLARKE.....*Associate Professor of Economics and Sociology.*

A.B., Clark, 1909; A.M., 1911; Ph.D., Columbia, 1916.

PERCY SCOTT FLIPPIN.....*Associate Professor of History on the P. V. Rogers Foundation.*

A.B., Richmond, 1906; Ph.D., Johns Hopkins, 1912.

ROBERT BARNES RUDD.....*Associate Professor of the English Language and Literature.*

A.B., Hamilton, 1909; B.A., Oxford, 1912;
A.M., Hamilton, 1912; M.A., Oxford, 1915.

HAROLD RIPLEY HASTINGS.....*Assistant Professor of Latin and Greek.*

A.B., Dartmouth, 1900; A.M., Harvard, 1902;
Ph.D., Wisconsin, 1910.

PAUL ADEE FANCHER.....*Instructor in English.*

A.B., Amherst, 1910; A.M., Columbia, 1916.

ALBERT IRA PRETTYMAN.....*Physical Director.*

International Y. M. C. A. College, Springfield, 1906.

COMMITTEES OF THE FACULTY

Schedule and Studies: PROFESSOR CARRUTH, THE PRESIDENT, PROFESSORS SQUIRES, SHEPARD, CHASE.

Undergraduate Activities: PROFESSORS WOOD, A. P. SAUNDERS, BRANDT, DALE, MR. PRETTYMAN.

Reading: THE PRESIDENT, PROFESSORS FITCH, MORRILL, WOOD, LEWIS, FLIPPIN.

Library: PROFESSORS IBBOTSON, MORRILL, S. J. SAUNDERS, SHEPARD.

College Entrance: THE PRESIDENT, PROFESSORS BRANDT, FITCH, A. P. SAUNDERS.

Record of Scholarship: THE REGISTRAR, PROFESSORS CARRUTH, BROWN.

Discipline: THE PRESIDENT, THE DEAN, THE CLERK, PROFESSORS DALE, CLARKE.

Catalogue: PROFESSORS IBBOTSON, SQUIRES, LEWIS, HASTINGS, MR. FANCHER.

Military Instruction: PROFESSORS CARRUTH, CHASE, BROWN, CLARKE, MR. FANCHER.

OTHER COLLEGE OFFICERS

EDWARD M. COUGHLIN.....*Bursar and Warden*
MOLLIE H. ROBERTS.....*Secretary to the President*
SOPHIE WILLIAMS DAVIS.....*Library Assistant*
BONNIE ELLIOTT.....*Library Assistant*
CAROLINE M. FROST.....*Library Assistant*

EARLY HISTORY

Hamilton College is the outgrowth of the labors of Samuel Kirkland, missionary to the Oneida Indians through the latter half of the eighteenth century. At the beginning of the Revolutionary War his influence drew many Iroquois to the Colonial cause, and materially contributed to the successful issue of the Battle of Oriskany and the relief of Fort Stanwix. This service of Kirkland won the attention and regard of both Washington and Hamilton. Fifteen years later, when Kirkland determined to establish a school for the Indians and the sons of white settlers, Hamilton gave his support to the project, and became the first trustee of the Hamilton Oneida Academy. The Academy was chartered by the Regents of the State of New York, January 29, 1793. The State and the Indians had granted to Kirkland in 1788 two square miles of land in what is now the Town of Kirkland, a portion of which was set aside for the new institution. Here, in a small clearing, at a spot just south of the present Chapel, the corner-stone of the first building was laid by Baron Steuben, July 1, 1794. The school expanded gradually, until in 1810 its students numbered one hundred and seventy. Two years later, May 26, 1812, the college charter was granted.

AIMS

In a period of rapidly changing educational beliefs, Hamilton College has chosen to preserve the best of the earlier college ideals. It believes that the discipline of language training is an essential part of the preparation for subsequent specialization in any field of study, as well as the basis for a broad knowledge of literature; that the thorough mastery of subjects of approved disciplinary and cultural value is a means of giving students a broad and liberal training for life; and that,

in the diversity of modern educational needs and practices, there is a definite place for the small college that emphasizes the humanities.

While the College thus vigorously maintains the cultural ideal, it aims to slight no subject that is essential to a well-rounded education. The modern languages are not sacrificed to the ancient, nor the natural sciences to philosophic or economic studies. Laboratory training in the methods of science forms an integral part of the scheme of studies prescribed as the basis of a liberal education. At the same time, students may receive thorough preparation for the scientific and medical schools. Instruction in the principles of constitutional government, begun under Theodore W. Dwight, seventy years ago, and extended to follow the advance of constitutional government throughout the world, equips men for intelligent citizenship. The College has long enjoyed a reputation for the efficient training in oratory which it imparts to all its students. In addition to the usual courses of English study, constant work in public speaking is required of every student throughout his course.

By a judicious application of a group system of studies, the College aims to secure breadth without superficiality, and thoroughness without cramping rigidity. It demands hard and intensive work on the part of its students, and it strives to offer them breadth of educational and spiritual outlook.

ADMISSION

Methods of Admission to the Freshman Class

1. By examination at the College. Entrance examinations will be held in the several department rooms, September 16-21, 1918, as follows:

Monday, Sept. 16	Latin, 2 to 5 p. m.
Tuesday, Sept. 17	Mathematics, 8:30 to 11:30 a. m.
	English, 2 to 5 p. m.
Wednesday, Sept. 18	Greek, 8:30 to 11:30 a. m.
	Modern languages, 8:30 to 11:30 a. m.
	History, 2 to 4 p. m.
Saturday, Sept. 21	Natural sciences, 2 to 5 p. m.
	Advanced mathematics, 2 to 5 p. m.

Any of these examinations may be taken one year before the candidate expects to enter college.

2. By the examinations of the College Entrance Examination Board. Applications for examinations conducted by this Board must be addressed to the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York City, and must be made upon a blank form to be obtained from the Secretary of the Board at least three weeks in advance of the examination. The fee is five dollars for all candidates. It is confidently expected that these examinations will be offered at the College, June 17-22, 1918, in accordance with the schedule published by the College Entrance Examination Board.

3. By the examinations of the New York State Education Department. Full credit will be given to all examinations in preparatory subjects conducted by this department. Diplomas and pass-cards issued by it will be accepted so far as they cover the requirements.

4. By certificate from the principal of the school in which the candidate has been prepared. Such schools must have been approved by the Faculty of the College. Blank certificates will be sent by the President upon request, and should be filed with him as early as possible. These certificates are itemized, specifying time, topics, and grades.

Candidates who have tried entrance examinations and have failed to pass are not entitled to the privilege of admission by principals' certificates or Regents' credentials.

REQUIREMENTS FOR ADMISSION

Fourteen and one-half units of secondary school subjects are required. A unit in any subject represents a year's study, constituting approximately a quarter of a full year's work. Under ordinary circumstances, a satisfactory year's work in any subject cannot be accomplished in less than 120 sixty-minute periods or their equivalent.

COURSES AND DEGREES

Candidates who present six units of foreign language, of which at least three are Latin, and who either pursue or begin the study of Greek in college are registered in the Classical Course. All others are registered in the Latin-Scientific Course.

The College Entrance Diploma in Arts, issued by the Regents of the University of the State of New York, admits in full to the College. The Regents' College Entrance Diploma in Science admits in full to the B. S. course, provided that at least two units of Latin be included among the subjects upon which the Diploma is based, and that drawing, shop-work, bookkeeping, and shorthand be not included.

Entrance Requirements for All Students

Required

English	3 units	Foreign Language	6 or 5 units
Algebra	1½ units	Elective	2 or 3 units
Plane Geometry	1 unit		
History	1 unit	Total	14½ units

Elective (not included above)

Elementary German	2 units	Ancient, European, English, American History, each	1 unit
Advanced German	1 unit	Biology	1 unit
Elementary French	2 units	Chemistry	1 unit
Advanced French	1 unit	Physics	1 unit
Elementary Spanish	2 units	Physical Geography	1 unit
Fourth year of Latin	1 unit	Adv. Mathematics	1, or 1½ units
Third year of Greek	1 unit.		

A single elementary year of any language will not be counted as fulfilling any unit of these requirements. The third year of advanced language study may, however, be presented as an elective unit in either course.

Not more than one elective unit in history may be offered.

Part, at least, of the preparatory work in algebra should be done in the final year in the secondary school.

For admission to the Classical Course six units of foreign language are required, of which at least three must be Latin. Greek may be begun in College; but candidates are urged to present if possible three entrance units.

Admission to the Latin-Scientific course requires five units of foreign language, of which at least two must be Latin.

The following combinations of foreign languages and elective subjects may be made, eight units in each case. These, added to the six and one-half units of English, mathematics and history, satisfy the total requirement of 14½ units. For registration in the Classical Course, some one of the first six groups must be offered:

I		II		III		IV	
Latin	4	Latin	4	Latin	4	Latin	4
Greek	3	Greek	2	Mod. L.	3	Mod. L.	2
Elect.	1	Elect.	2	Elect.	1	Elect.	2
	8		8		8		8
V		VI		VII		VIII	
Latin	3	Latin	3	Latin	3	Latin	2
Mod. L.	3	Mod. L.	2	Mod. L.	2	Mod. L.	3
Elect.	2	Mod. L.	2	Elect.	3	Elect.	3
		Elect.	1				
	8		8		8		8

Candidates, who have offered group VII for entrance and who begin Greek in College, may be enrolled in the Classical Course at any time after (a) passing a fourth year of entrance Latin, or (b) completing, in lieu of this, one year of elective college Latin.

Candidates who have offered group VIII for entrance and who begin Greek in College may be enrolled in the Classical Course at any time after they have passed an examination on a third year of entrance Latin.

A student slightly deficient in any subject required for admission may be admitted with a condition in that subject. For the removal of the condition the department concerned will fix a program of study, and will set an examination not later than the opening of the second term.

Definition of Requirements

ENGLISH

(1) English Grammar and Composition

English grammar should ordinarily be reviewed in the high school, and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition, punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice

in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description, and easy exposition and argument, based on simple outlines. Finally, special instruction in language and composition should be accompanied by a concerted effort of teachers to cultivate in the student the habit of using good English in all his recitations and various exercises, whether oral or written.

(2) English Literature

The requirement includes, first, a thorough familiarity with at least ten selections made from five groups of books prescribed *for reading,* and second, a more minute knowledge of certain specified examples of the drama, lyric, essay, and oration prescribed *for study.* The books necessary to meet both parts of the requirement are those recommended by the National Conference on Uniform Requirements in English. For 1915-1919 they are as follows:

(A) For Reading

Group 1. Classics in Translation (two to be selected). The *Old Testament,* comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey,* with the omission, if desired, of Books 1-5, 15-17; the *Iliad,* with the omission, if desired, of Books 11, 13-15, 17, 21; the *Aeneid.* The *Odyssey, Iliad,* and *Aeneid* should be read in translations of recognized literary excellence.

For any selection from this group a selection from any other group may be substituted. Selections are set off by semicolons.

Group 2. Shakespeare (two to be selected). *Midsummer Night's Dream; Merchant of Venice; As You Like It; Twelfth Night; The Tempest; Romeo and Juliet; King John; Richard II; Richard III; Henry V; Coriolanus; Julius Caesar; Macbeth; Hamlet.* (The last three plays if not chosen for study under B.)

Group 3. Prose Fiction (two to be selected). Malory's *Morte d'Arthur* (about 100 pages); Bunyan's *Pilgrim's Progress,* Part 1; Swift's *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe's *Robinson Crusoe,* Part 1; Goldsmith's *Vicar of Wakefield;* Frances Burney's *Evelina;* Scott's novels, any one; Mrs. Gaskell's *Cranford;* Kingsley's *Westward Ho!* or *Hereward the Wake;* Reade's *The Cloister and the Hearth;* Blackmore's *Lorna Doone;* Hughes' *Tom*

Brown's School Days; Stevenson's *Treasure Island,* or *Kidnapped,* or *Master of Ballantrae;* Cooper's novels, any one; Poe's *Tales;* Hawthorne's *The House of the Seven Gables,* or *Twice Told Tales,* or *Mosses from an Old Manse;* a collection of short stories by various standard writers.

GROUP 4. ESSAYS, BIOGRAPHY, ETC. (two to be selected). Addison and Steele's *Sir Roger de Coverley Papers,* or selections from the *Tatler* and *Spectator* (about 200 pages); selections from Boswell's *Life of Johnson* (about 200 pages); Franklin's *Autobiography;* selections from Irving's *Sketch Book* (about 200 pages), or *Life of Goldsmith;* Southey's *Life of Nelson;* selections from Lamb's *Essays of Elia* (about 100 pages); selections from Lockhart's *Life of Scott* (about 200 pages); Thackeray's lectures on Swift, Addison, and Steele, in the *English Humorists;* Macaulay, any one of the following essays—*Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederick the Great, Madame d'Arblay;* selections from Trevelyan's *Life of Macaulay* (about 200 pages); Ruskin's *Sesame and Lilies,* or selections (about 150 pages); Dana's *Two Years before the Mast;* selections from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Greeley, together with a brief memoir; Parkman's *Oregon Trail;* Thoreau's *Walden;* selected essays of Lowell (about 150 pages); Holmes' *Autocrat of the Breakfast Table;* Stevenson's *An Inland Voyage* and *Travels with a Donkey;* Huxley's *Autobiography* and selections from the *Lay Sermons,* including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; a collection of essays by Bacon, Lamb, DeQuincey, Hazlitt, Emerson, and later writers; a collection of letters by various standard writers.

GROUP 5. POETRY (two to be selected). Palgrave's *Golden Treasury (First Series),* Books 2 and 3, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's *Golden Treasury (First Series),* Book 4, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith's *The Traveller* and *The Deserted Village;* Pope's *The Rape of the Lock;* a collection of English and Scottish ballads; Coleridge's *The Ancient Mariner, Christabel,* and *Kubla Khan;* Byron's *Childe Harold,* Canto 3 or 4, and *The Prisoner of Chillon;* Scott's *The Lady of the Lake,* or *Marmion;* Macaulay's *Lays of Ancient Rome, The Battle of Naseby, The Armada, Ivry;* Tennyson's *The Princess,* or *Gareth and Lynette, Lancelot and Elaine,*

and *The Passing of Arthur;* Browning's *Cavalier Tunes, The Lost Leader, Good News from Ghent, Home Thoughts, Incident of the French Camp, Herve Riel, Pheidippides, My Last Duchess, Up at a Villa, The Italian in England, The Patriot, The Pied Piper, "De Gustibus"—, Instans Tyrannus;* Arnold's *Sohrab and Rustum* and *The Forsaken Merman;* selections from American poetry, with special attention to Poe, Longfellow, Lowell, and Whittier.

(B) For Study

Group 1. Drama (one to be selected). Shakespeare's *Julius Caesar,* or *Macbeth,* or *Hamlet.*

Group 2. Poetry (one to be selected). Milton's *L'Allegro, Il Penseroso,* and either *Comus* or *Lycidas;* Tennyson's *The Coming of Arthur, The Holy Grail,* and *The Passing of Arthur;* the selections from Wordsworth, Keats, and Shelley in Palgrave's *Golden Treasury.*

Group 3. Oratory (one to be selected). Burke's *Speech on Conciliation with America;* Macaulay's *Speeches on Copyright,* and Lincoln's *Speech at Cooper Union;* Washington's *Farewell Address* and Webster's *First Bunker Hill Oration.*

Group 4. Essays (one to be selected). Carlyle's *Essay on Burns,* with a selection of Burns' poems; Macaulay's *Life of Johnson;* Emerson's *Essay on Manners.*

In addition to a thorough knowledge of the books read and studied, the student should have some familiarity with the facts of English literary history.

MATHEMATICS

(a) Elementary Mathematics

Elementary Algebra—The four fundamental operations for rational algebraic expressions; factoring, determination of the highest common factor and lowest common multiple by factoring; fractions, including complex fractions and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents including the fractional and negative; quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations; the binomial

theorem for positive integral exponents; the formulas for the nth term and the sum of the terms of arithmetical and geometric progressions, with applications. Algebra should be reviewed during the last preparatory year.

PLANE GEOMETRY—The usual theorems and constructions of good text-books, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems; applications to the mensuration of lines and plane surfaces.

(b) Advanced Mathematics

ADVANCED ALGEBRA—Permutations and combinations, limited to simple cases; complex numbers, with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes' rule of signs, and Horner's method, but not Sturm's functions or multiple roots.

SOLID GEOMETRY—The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and spherical triangle; the solution of numerous original exercises, including loci problems; applications to the mensuration of surfaces and solids.

PLANE TRIGONOMETRY—Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas; solution of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series); the solution of right and oblique triangles and practical applications.

HISTORY

Ancient History, European History, English History, and United States History and Civil Government may each be offered as one unit

for entrance. An accurate text-book of about 500 pages should be covered, and supplemented by suitable parallel readings of about 1000 pages. Attention should be paid to historical geography. The examination will call for comparison of historical characters, periods, and events, and for the exercise of judgment as well as of memory.

LATIN

The requirement for admission by examination is that of the College Entrance Examination Board, as stated below. This statement also indicates the preparation required of a candidate who presents a principal's certificate for admission. The requirement in a modified form is incorporated in the Syllabus of the New York State Education Department, whose credentials are accepted. For a candidate who offers but three units of Latin, requirement I, 2, b, or I, 2, c, below, is omitted; for one who offers only the two units required for the Latin-Scientific Course, I, 2, b, and I, 2, c, below, are both omitted.

I. Amount and Range of Reading Required

(1) The reading, without regard to the prescription of particular authors and works, shall not be less in amount than Caesar, *Gallic War*, I-IV; Cicero, the orations against Cataline, for the Manilian Law, and for Archias; Vergil, *Aeneid*, I-VI.

(2) The amount of reading specified above shall be selected by the schools from the following authors and works: (*a*) Caesar, *Gallic War* and *Civil War*, and Nepos, *Lives;* (*b*) Cicero, orations, letters, and *De Senectute*, and Sallust, *Cataline* and *Jugurthine War;* (*c*) Vergil, *Bucolics, Georgics*, and *Aeneid*, and Ovid, *Metamorphoses, Fasti*, and *Tristia*.

II. Scope of the Examinations

(1) Translation at Sight—Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

(2) Prescribed Reading—Candidates will be examined also upon the following prescribed reading: Cicero, orations for the Manilian Law and for Archias, and Vergil, *Aeneid*, I, II, and either IV or VI, at the option of the candidate, with questions on subject-matter, literary

and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not receive credit for either part.

(3) GRAMMAR AND COMPOSITION—The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

GREEK

The requirement is substantially as defined by the New York State Education Department in its Syllabus outlining the work of the first, second, and third years; and by the College Entrance Examination Board, under *A1, A2, B, C, G.*

(1) Greek Grammar; Xenophon's *Anabasis,* Books 1-4; the translation at sight of easy Greek prose; the translation into Greek of simple sentences based upon Books 1-2 of the *Anabasis,* in order to test the candidate's knowledge of forms and important principles of syntax. (Two units.)

(2) Homer's *Iliad,* Books 1-3 (omitting the catalogue of the ships), or an equivalent amount of the text of Homer. This includes Homeric forms, constructions, and prosody. (One unit.)

The requirements as above stated apply to candidates who are admitted either by certificate or by examination; and to competitors for the Maynard and Brockway Entrance Prizes and the Fayerweather Scholarships in so far as such competitors offer Greek as an entrance subject.

An alternative provision is made for candidates for the John W. Vrooman Freshman Prize Scholarship in Greek. These are examined orally upon the Greek text of the *Gospel of Luke* and upon Homer's *Iliad,* Books 1-3. Candidates who make a satisfactory record in this prize competition will be held to have met requirement 2 above, and so much of requirement 1 as is covered by Books 2-4 of the *Anabasis.* The remaining parts of the total requirement may be satisfied either by examination or upon certificate. A competitor for the Vrooman prize may also enter the Maynard and Brockway prize competition.

MODERN LANGUAGES

The requirements follow the recommendations of the Committee of Twelve of the Modern Language Association of America, upon which the more detailed statements of the College Entrance Examination Board and of the New York State Education Department are based.

In French and German the requirements are divided into (*a*) elementary (two units), and (*b*) advanced (one unit). *A single first year* no longer counts as one unit, either in combination with two years of another language or as a substitute for a third year of Greek or a fourth year of Latin. In general a modern language should be treated as a living language which is not merely to be read, but also to be written, spoken, and understood when heard. Hence the accurate acquisition of the foreign sounds and of a standard pronunciation is all important from the beginning, and the "direct" method of teaching the most effective. In the preparatory work great stress should be laid on oral and auricular training; the pupil should receive a constant drill in pronunciation, dictation, and the free reproduction (both in English and in French and German) of phrases read aloud by the teacher. Teachers in preparatory schools should follow the method of oral and aural drill recommended by the Association of Modern Language Teachers of the Middle States and Maryland. The examination will include a suitable test in pronunciation and ability to understand the spoken language. Schools certifying a candidate for admission must state whether he has received this training.

French

(a) ELEMENTARY FRENCH—The work of the first year should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of adjectives, participles, and pronouns, the use of personal pronouns, adverbs, prepositions and conjunctions, the order of words in a sentence, and the elementary rules of syntax, with constant drill upon exercises illustrating these principles; (3) the reading of at least 100 pages of graduated texts, with constant practice in translating into French easy variations of the sentences read, and in reproducing from memory sentences previously read; (4) simple conversations and writing of French from dictation. The work of the second year should comprise: (1) the reading of at least 250 pages of easy modern prose in the form of stories, plays, or historical and biographical sketches; (2) constant practice, as in

the first year, in translating into French variations on the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the texts already read; (4) writing French from dictation; (5) continued drill in the rudiments of grammar and in the writing of sentences illustrative of the grammatical principles; (6) conversation, and the answering in French by the student of questions based on the text read. Suitable texts for the second year are About's *Le Roi des Montagnes,* Daudet's easier short tales, Erckmann-Chatrian's stories, Malot's *Sans Famille,* Sarcey's *Le Siège de Paris,* Labiche's *La Poudre aux Yeux, Le Voyage de M. Perrichon, La Cagnotte,* extracts from Michelet, Verne's stories.

(b) ADVANCED FRENCH—A systematic course of five periods a week, extending over a third school year, in addition to the elementary course, should comprise: (1) at least 400 pages of French of ordinary difficulty, a portion to be in dramatic form; (2) constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; (3) the study of a grammar of moderate completeness; (4) writing from dictation; (5) continuation of the drill in oral and auricular training. At the end of this course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a thorough knowledge of syntax and morphology. Suitable texts are: About's stories, Augier's plays, Béranger's poems, Corneille's *Le Cid* and *Horace,* Labiche's plays, Loti's *Pêcheur d'Islande* and *Ramuntcho,* Molière's *L'Avare, Le Bourgeois Gentilhomme* and *Le Médicin malgré Lui,* Racine's *Athalie, Andromaque* and *Esther,* George Sand's *La Mare au Diable* and *François le Champi,* Scribe's plays, Thier's *L'Expédition de Bonaparte en Égypte,* Voltaire's historical writings.

German

(a) ELEMENTARY GERMAN—The work of the first year should comprise: (1) a thorough, scientific, not merely imitative, acquisition of German sounds and sentence-accent (intonation); (2) drill in the rudiments of grammar; the declension of articles, nouns, adjectives, and pronouns; the conjugation of weak verbs and of the common strong and irregular verbs; the use of the prepositions that govern the dative, the accusative, or both; the fundamental rules of syntax and word-order; (3) the reading of not less than 75 pages, preferably of graduated texts from a beginner's reader, followed by a comedy of

Benedix, such as *Eigensinn* or *Versalzen,* by short stories of Frommel, Baumbach, or by *Biblische Geschichten;* (4) constant practice in translating into German simple exercises and easy variations upon sentences taken from the reading lesson. This and the frequent repetition and memorizing of easy colloquial sentences, proverbs, and short simple poems form the best starting point for conversation and dialogue. The work of the second year should comprise: (1) continued drill upon the elements of grammar, abundant illustrations, English and German, preferably from a separate exercise book, of such difficult features as the use of *haben* and *sein* in the active voice; of the modal auxiliaries; the subjunctive; adjectives used as nouns or that have become nouns; (2) continued practice as under first year; (3) the reading of 200 pages, which should include 50 or 60 pages of more difficult selections from the reader rather than three or four short texts with special vocabularies and copious notes. Suitable texts are: short stories such as Wildenbruch's *Das edle Blut,* Frenssen's *Gravelotte;* Eichendorff's *Aus dem Leben eines Taugenichts;* a short tragedy, such as Sudermann's *Teja;* a comedy, such as Moser and Heiden's *Köpnickerstrasse 120,* or Freytag's *Die Journalisten.*

(b) ADVANCED GERMAN—The work should comprise, in addition to the elementary course, the four following topics: (1) the reading of at least 400 pages of moderately difficult prose and poetry. Suitable texts are: the more difficult short stories of Seidel, Keller, and Raabe; Chamisso's *Peter Schlemihl;* Mogk's *Deutsche Sitten und Gebräuche;* plays such as Fulda's *Unter vier Augen* or *Talisman;* Sudermann's *Heimat* or Ludwig's *Erbförster;* Schiller's *Tell* or *Jungfrau von Orleans;* Goethe's *Vicar of Sesenheim;* Goethe's *Hermann und Dorothea.* The use of texts with special vocabularies should cease and the use of a comprehensive dictionary should be encouraged. (2) The grammar should be completed by taking up word-formation and the comparison of cognates (German and English words of the same origin, such as *Schwester—sister; zehn—ten; Urlaub—furlough*); also the nicer uses of the definite article and the compounded verbs that may be separable or inseparable. The study of the more theoretical grammars of Joynes, Brandt, and Whitney is recommended for this purpose and for the mastery of the technical language of the grammar. (3) Continuance of paraphrasing, abstracting, and reproducing the reading matter. The use of German by teacher and student to the utmost limit. (4) Sight-reading of some easier text with foot-notes.

Spanish

The two years' work should comprise the following: careful drill in pronunciation; a complete study of some good grammar; mastery of all but the rare irregular verbs; the inflection of nouns, adjectives, and pronouns; the essential elements of syntax; the reading of at least 300 pages of modern Spanish prose or verse; exercises containing illustrations of the principles of grammar, and practice in translating into Spanish variations of texts read; writing Spanish from dictation.

BIOLOGY

The requirement of one unit may be satisfied by presenting any one of the following subjects:

(a) GENERAL BIOLOGY—The activities of living things should be the central idea. The laboratory and class-room work should include a study of the functions of representative plants and animals and their relation to each other and to their environment. These studies should be bound together by a knowledge of the common laws of living organisms.

(b) BOTANY—A study of examples of the great groups of plants should include the general laws of plant physiology, the fundamental facts of plant structure, and the relation of plants to animals and to man.

(c) ZOOLOGY—Representative common animals should be studied in field and laboratory that a knowledge of their habits and structure and of their structural and economic relation to man may be obtained. The relationship of plants to animals should also be considered.

As an essential part of any of these methods of meeting the requirement, a certified note-book with drawings and description of work done should be presented with the certificate, or at the time of examination. A more detailed account of the requirement may be found in the Syllabus of the New York State Education Department, or in the publications of the College Entrance Examination Board.

CHEMISTRY

The requirement is substantially that specified in the Syllabus of the New York State Education Department. Not less than one-half of the course should be individual laboratory work devoted to the preparation and study of the common elements and compounds and to experiments illustrating important laws. The course should also in-

clude lecture-table demonstrations and the study of some good elementary text-book, with recitations covering the fundamental laws and theories of chemical combination, and the preparation, properties, and uses of the more important metallic and non-metallic elements, and their compounds.

PHYSICS

A detailed statement of the requirement may be found in the Syllabus of the New York State Education Department or in the publications of the College Entrance Examination Board. Preparation should include a knowledge of the general laws and principles of physics as presented in a good text-book, together with at least thirty experiments selected from a list similar to that given in the Syllabus. The student taking the examination here should present his note-book, with certification by the instructor under whose supervision the work was done that the experiments were satisfactory to him and were performed by the student himself.

A student who does not offer a note-book may meet the requirement by showing ability to solve more difficult problems in theoretical physics.

ADMISSION TO ADVANCED STANDING

A student who comes from an approved institution of collegiate rank and presents an official statement of his previous work may receive credit for such work without examination. This statement must include a full list of his accepted preparatory subjects, a list of his college courses with his record therein, and a letter of honorable dismissal.

Any other student may be admitted to advanced standing by passing the necessary examinations of the departments concerned up to the point at which he desires to enter.

To compete for honors or prizes based in any way upon collegiate work done previous to entrance here, a student must pass examinations covering such work.

ADMISSION TO SPECIAL COURSES OF STUDY

A student of serious purpose, not a candidate for a degree, is admitted to courses which he is competent to pursue, subject to the approval of the departments concerned. A special student is not held strictly to the entrance requirements for the regular courses; but deficiency in any subject must be offset by more advanced preparation in another. He must choose courses amounting to not less than fifteen hours a week, not including public speaking. He must attain an average grade of six in the work of each term. In other respects he is subject to the administrative rules governing regular students. He is not eligible to scholarships, honors, or prizes.

A special student attaining a grade of eight for a complete year receives a certificate of proficiency. One who pursues studies for two or more years with an average grade of not less than eight and five-tenths is named on the commencement program as a candidate for a certificate of completed special study.

REGISTRATION

All new students are required to register on the day before the opening of the first term. For this purpose the Committee on Schedules and Studies will be in session from 10 to 12 a. m., and from 2 to 4 p. m. On this day all freshmen will receive their program of courses for the year; and those who, under the regulations for the studies of freshman year, elect a modern language or elementary Greek will then make their election.

All new students meet the Dean in the Chapel at five o'clock on the day of registration.

ENTRANCE PRIZES AND SCHOLARSHIPS

Prizes and prize scholarships are awarded upon the basis of the September examinations as follows:

(1) The Maynard Prize of $100.

(2) The Brockway Prize of $25.

(3) The five Fayerweather Prize Scholarships, yielding tuition for freshman year.

(4) The John W. Vrooman Prize Scholarship, yielding tuition for freshman year.

A detailed statement regarding these competitions will be found on pages 59 and 66.

There is a limited number of non-competitive scholarships which are available for freshmen. The conditions under which these scholarships are awarded will be found on page 56 under the heading "Scholarships."

CURRICULUM AND GRADUATION

Courses of Study

There are two regular courses of study, the Classical and the Latin-Scientific. The degree of Bachelor of Arts is conferred only upon those who have done all the required work of the Classical Course in both Latin and Greek. The Classical Course is open (1) to those who present three or two units of Greek for entrance, and (2) to those who enter with not less than six units of foreign language, of which at least three are Latin, and elect to begin the study of Greek. The Latin-Scientific Course leads to the degree of Bachelor of Philosophy. The degree of Bachelor of Science is conferred upon those who have completed the entire work of at least two departments in Group C.

Courses of Freshman Year

The courses of freshman year are prescribed, except in certain particulars as given below. The following is a summary of the work of that year. An odd number indicates a course given in the first term; an even number, one given in the second term. Fuller descriptions of the courses will be found under the heading "Departments of Instruction."

A. Required of All Freshmen:

Mathematics 1-2.....3 hours
*Latin 1-2.....3 hours
Public Speaking 1-3-4 } .....4 hours
Writing English 1-2 }
Hygiene and Gymnasium.....1 hour

*Freshmen who enter with but two units of Latin take Biology 1-2 or History 1-2 in place of Latin 1-2.

B. Additional Requirements of Classical Freshmen:

Greek 5-6, or 3-6, or 1-2.....3 hours
German or French, 1-2 or 3-4.....3 hours

C. Additional Requirements of Latin-Scientific Freshmen:

German 1-2 or 3-4.....3 hours
French 1-2 or 3-4..... 3 hours

Regulations Governing Freshman Studies

1. All freshmen are required to take two foreign languages in addition to Latin.* These two are chosen by the student from three languages: Greek, German, French (Greek being required of Classical freshmen); and the particular courses taken in each language will depend, as explained below, upon the number of units offered in that language for entrance. A student's choice is not restricted, except in one case: a freshman who enters with two units of Greek must take courses 1-2 in that modern language which he does not offer for entrance.

(*a*) Courses open to freshmen who have entered without preparation in a given language: Greek 1-2, German 1-2, French 1-2.

(*b*) Courses open to freshmen who have entered with two units in a given language: Greek 3-6, German 3-4, French 3-4.

(*c*) Courses open to freshmen who have entered with three units in a given language: Greek 5-6, German 3-4, French 3-4.

Note—A student's freedom of election in later years is to some extent circumscribed by the choice he makes under regulation 1, and in this connection he is advised to read regulations 4, 5, and 6, governing electives of sophomore, junior, and senior years.

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*See note at the bottom of the preceding page.

2. A student who enters with four units of mathematics must take Mathematics 3-4 instead of 1-2 as stated in the table above.

Studies of Sophomore, Junior, and Senior Years

Required Courses

In sophomore and junior years three hours of work in the Department of Rhetoric and Oratory are required of all students. In senior year two hours of work are required of all students as follows: one hour in Debate, and one hour in Orations 11-12.

Elective Courses

Except for the required work as above described, all studies of the sophomore, junior, and senior years are elective. The choice of courses is made under a group system, the departments of study being assigned to three groups, as follows:

Group A. Foreign Languages, including Anglo-Saxon and Middle English.

Group B. English Literature, History, Philosophy, Economics and Sociology, Political Science, Law and Civil Polity, Writing English, Ethics and Bible.

Group C. Mathematics, Natural Sciences.

Regulations Governing Electives

1. All courses are continuous for the year and must be elected for the year.
2. All elective courses are assigned three hours each week.
3. Studies for the last three years are chosen at the end of the freshman, sophomore, and junior years respectively.
4. At least one year-course in one of the natural sciences and at least two year-courses in one of the modern languages are required for graduation.

5. In order to qualify for the A. B. degree, a student who enters with three units of Greek must take courses 5-6; one who enters with two units must take courses 3-6, 7-8; one who begins Greek in college must take courses 1-2, 3-6, 7-8. But a student who offered three units of German or French for entrance, and who has not taken up the study of that language in college, may substitute course 4 in that language for course 8 in Greek in the second and third cases above mentioned.

6. Sophomore studies. Each student must choose five year-courses, taking at least one course from each group. A modern language begun in freshman year must be continued through sophomore year.

7. Junior and senior studies. During the last two years each student must complete ten year-courses. He may take not less than four courses nor more than six courses in either year; but the choice of four or six courses, rather than five, in either year shall be subject to the approval of the Committee on Schedule and Studies. During junior year he must complete at least one course from each group. During senior year he must complete at least one course from each of two groups.

8. In sophomore, junior, or senior year a student may elect any preceding course to which he is eligible, if the schedule of hours permits.

Note—The choice of studies for the year must be made not later than the designated day in May; the day for juniors being the fourth Wednesday, for sophomores the preceding Tuesday, for freshmen the preceding Monday. All elective cards must conform to the regulations as given above, and all courses must be numbered and indicated as in the Summary of Elective Courses. The Committee on Schedule and Studies will assign courses to a student who does not return his elective

card properly filled on or before the appointed day. No student may change his program of studies for the year after 3 p. m. of the day before the opening of the first term, and then only upon written application to the chairman, giving reasons satisfactory to the Committee.

Summary of Elective Courses by Groups

SOPHOMORE YEAR

Group A

GREEK 7-8: Plato, Theocritus.
GREEK 3-6: Intermediate Greek, Odyssey.
LATIN 3-4: Tacitus and Pliny, Catullus and Cicero.
GERMAN 3-4: Intermediate German, Modern Plays and Novels.
GERMAN 5-6: Lyric Poetry, Historical Tragedy.
FRENCH 3-4: Intermediate French, Modern Comedy.
FRENCH 5-6: Tragedy, Comedy.

Group B

ENGLISH LITERATURE 1-2: General Introduction, 19th Century Poets.
PHILOSOPHY 1-2: Psychology, Logic.
HISTORY 1-2: Medieval, Modern.
POLITICAL SCIENCE 1-2: Modern Free Governments.

Group C

MATHEMATICS 3-4: Analytic Geometry, Differential Calculus.
BIOLOGY 1-2: General Biology.
CHEMISTRY 1-2: Elementary College Chemistry.
GEOLOGY 1-2: General Geology.

JUNIOR YEAR

Group A

GREEK 11-12: Prose Writers.
GREEK 7-8: Plato, Theocritus.
LATIN 5-6: Drama, Satire.

GERMAN 5-6: Lyric Poetry, Historical Tragedy.
GERMAN 7-8: Goethe, Lessing.
FRENCH 5-6: Tragedy, Comedy.
FRENCH 7-8: History of French Civilization.
SPANISH 1-2: Elementary Spanish.
ENGLISH LANGUAGE 1-2: Anglo-Saxon, Middle English.

Group B

WRITING ENGLISH 5-6: Advanced English Composition.
ENGLISH LITERATURE 5-6: Romantic Period, Victorian Era.
PHILOSOPHY 3-4: Plato to Kant, Kant to Spencer.
HISTORY 3-4: England, United States.
ECONOMICS 1-2: Sociology.
ECONOMICS 3-4: Principles of Economics, Economic Problems.
POLITICAL SCIENCE 3-4: Municipal Government, Political Science.

Group C

MATHEMATICS 5-6: Calculus, Analytic Geometry.
BIOLOGY 3-4: Zoology, Embryology.
CHEMISTRY 3-4: Analysis.
PHYSICS 1-2: Mechanics, Heat, Sound, Light.
GEOLOGY 1-2: General Geology.
GEOLOGY 5-6: Mineralogy.
GEOLOGY 7-8: Physiography.

SENIOR YEAR

Group A

GREEK 11-12: Prose Writers.
LATIN 7-8: History of Latin Literature.
LATIN 9-10: Roman Art.
GERMAN 7-8: Goethe, Lessing.
GERMAN 9-10: History of the German Language and Literature.
FRENCH 7-8: History of French Civilization.
FRENCH 9-10: Romance Philology, Medieval Literature.
ITALIAN 1-2: Modern Italian, Dante.
SPANISH 3-4: Advanced Grammar and Modern Prose.
HEBREW 1-2: Grammar, Historical Prose.

Group B

WRITING ENGLISH 7-8: Advanced English Composition.
ENGLISH LITERATURE 7-8: Shakespeare and Elizabethan Drama.
PHILOSOPHY 5-6: Current Problems, Philosophical Classics.
PHILOSOPHY 7-8: Pedagogy.
HISTORY 5-6: History of the United States.
HISTORY 7-8: French Revolution, Nineteenth Century.
POLITICAL SCIENCE 5-6: International Law, International Problems.
LAW 1-3: Democracy, National Questions.
LAW 5, ECONOMICS 6: Elementary Law, the Labor Problem.
ECONOMICS 5-6: Public Finance, the Labor Problem.

Group C

MATHEMATICS 7-8: Differential Equations, Projective Geometry.
BIOLOGY 5-6: Bacteriology, Histology and Physiology.
CHEMISTRY 3-4: Analysis.
PHYSICS 1-2: Mechanics, Heat, Sound, Light.
PHYSICS 5-6: Astronomy, Laboratory Practice.
GEOLOGY 3-4: Historical and Structural Geology.
GEOLOGY 5-6: Mineralogy.
GEOLOGY 7-8: Physiography.

DEPARTMENTS OF INSTRUCTION

An odd number indicates a course given in the first term; an even number, one given in the second term.

All courses are assigned three hours a week, except as otherwise stated.

Group A

GREEK

PROFESSOR FITCH

ASSISTANT PROFESSOR HASTINGS

Courses 5 to 12 form a program for four years, based upon a college preparation of three units. Courses 1-2 are designed for those who begin Greek in college. For such students courses 3 and 6 constitute a second year's work; 7 and 8 (or, under assignment of the instructor, 5 and an equivalent of 8 in some prose author) constitute a third year's work; a fourth year is possible in courses 9-10 or 11-12.

1-2. ELEMENTARY GREEK. Goodwin's Grammar is used from the beginning. Attention is devoted to Attic forms and syntax in connection with readings from the *Anabasis*. Exercises in writing Greek continue throughout the year. *Open to freshmen who enter without Greek.*

3. INTERMEDIATE GREEK. Selections from Homer's *Iliad*. Homeric forms, constructions, and prosody. *Prerequisite, 1-2, or two units of entrance Greek.*

5. LYSIAS. This course includes a review of grammar, work in prose composition, and an introductory study of rhetorical style.

6. HOMER'S ODYSSEY. In alternate years selections are read from Books 1-12 and 13-24, with particular attention to the structure of the poem, to Homeric antiquities, and to the historical aspects of the language. *Prerequisite, 3 or 5.*

7. PLATO. *Apology, Crito,* and portions of the *Phaedo*. A study of the character of Socrates as portrayed by Plato and of the more general aspects of his significance as a thinker. *Prerequisite, 6.*

8. THEOCRITUS. The *Idylls* are illustrated by parallel passages from the other Alexandrian poets. *Prerequisite, 7.*

9-10. THE DRAMA. Careful interpretation of a tragedy of Sophocles or Euripides, followed by rapid reading of other selected tragedies. Aristophanes is studied in similar manner. The year's work includes a survey of Greek poetry from Homer to the drama. *Prerequisite, 8. Alternates with 11-12.* (Not offered in 1917-18.)

11-12. PROSE WRITERS. Thucydides, Books 2, 3; the sources of Greek history. Plato's *Euthyphro,* or the *Apollodori Bibliotheca,* with an introductory study of Greek religion. The New Testament in Greek; selections from *The Acts. Prerequisite, 8. Alternates with 9-10.*

In connection with 5, 6, 7, 9, 10, illustrated lectures on art and archaeology are given, and collateral reading is required. The topics treated are: the Acropolis, its history and monuments; the Cretan and Mycenean periods; the Parthenon; the monuments of Olympia and Delphi.

LATIN

PROFESSOR CHASE

ASSISTANT PROFESSOR HASTINGS

1. LIVY. Selections from Books I, XXI, and XXII, with a review of Latin grammar and prose composition.

2. HORACE. A purely literary study of the *Odes* and *Epodes.*

3. TACITUS AND PLINY. Reading of the *Agricola* of Tacitus and selected letters of Pliny, with a study of the literature and society of the Silver Age.

4. CATULLUS AND CICERO. Reading of the poetry of Catullus and selected letters of Cicero, with a study of the political and social history of the period.

5. ROMAN DRAMA. One tragedy of Seneca read rapidly; Plautus and Terence. Emphasis is placed on Roman comedy; several plays are read.

6. ROMAN SATIRE. After a brief introduction to early satire, attention is devoted mainly to the reading of Horace and Juvenal.

7-8. HISTORY OF LATIN LITERATURE. This course consists primarily of extended readings from the Latin authors; with lectures, and the reading of modern authorities. In second term, certain problems connected with the language as well as the literature are considered. *Two hours. To receive credit for this course, 9-10 must also be taken.*

9-10. Roman Art. This course includes such topics as the relation of Roman to Greek art, Roman painting, sculpture, architecture, processes of construction, and other problems in Roman archaeology. Lectures and reading. *One hour. Advanced courses in Latin are not prerequisite, but to receive credit for this course, 7-8 must also be taken. Open to juniors and seniors.*

Except as noted immediately above, each course calls for the preceding course as a prerequisite, unless permission to elect has been granted by the instructor.

GERMAN

Professor Brandt

Associate Professor Super

Courses 1 to 4 are planned to give not only a sound preparation for speaking German, but also a fluent reading knowledge, which is useful in junior and senior subjects and required in the best graduate and professional schools. To insure this proficiency, a student entering without German should begin it freshman year, as there is no assurance of an opportunity to elect back later. Courses 5 to 10 aim to give an intimate acquaintance with the language, literature, and civilization of Germany.

1-2. Elementary German. Thorough grounding in pronunciation, forms, and syntax. From the beginning stress is laid on writing and speaking. Selections from a Reader. In second term, Schiller's *Tell* is added to the readings.

3. Intermediate German. Grammar, word-formation; prose composition on difficult syntactical points. Reading of Schiller's *Jungfrau von Orleans* and Goethe's *Hermann und Dorothea;* historical prose from the Reader. *Prerequisite, 1-2, or the equivalent in entrance German.*

4. Modern Plays and Short Novels. Rapid reading for the expansion of the vocabulary. Increased sight translation.

Courses 3-4 are required of sophomores who have taken 1-2 as freshmen.

5. Lyric Poetry. From Walter von der Vogelweide to the present day. Echtermeyer's *Auswahl Deutscher Gedichte* and *The Oxford Book of German Verse.* Alternative: The German Romantic School. Extra readings, with abstracts in German, are assigned. *Prerequisite, 3-4 or the equivalent in entrance German.*

6. MASTERPIECES OF HISTORICAL TRAGEDY. Especially those of the classical period: Schiller's *Don Carlos* and *Wallenstein;* Goethe's *Egmont.* Modern plays by Grillparzer, Hebbel, and Wildenbruch.

7. GOETHE. Life and works, centering in *Faust* I and II. *Open to seniors and juniors who have completed 3-4.*

8. LESSING. Plays and Prose Works. Lewisohn's *German Style.*

9-10. HISTORY OF THE GERMAN LANGUAGE AND LITERATURE. German lectures and essays. Selected readings from Middle High German and sixteenth century literature. History of the language, etymology and phonology. Training in phonetics and methods of teaching. *Open to junior and seniors who have completed 3-4.*

ROMANCE LANGUAGES

French

PROFESSOR SHEPARD

ASSOCIATE PROFESSOR SUPER

Courses 1 to 4 are given mainly by the oral method, and are intended to provide a preparation for spoken French, as well as a reading knowledge of the language. Students, especially freshmen, should bear in mind that a knowledge of French is now demanded for work in professional and graduate schools and that there is no certainty of an opportunity to acquire it later. Ordinarily, at least two years of French should be taken in college, nor will any student be allowed to elect courses 1-2 only, without permission from the department head. Courses 5-10 are designed to introduce the student to a more exact and thorough knowledge of French language, literature and thought.

1-2. ELEMENTARY FRENCH. Grammar, including careful drill in pronunciation, easy reading, composition, conversation, dictation. The oral method is used extensively and as early as possible.

3. INTERMEDIATE FRENCH. Reading of modern prose fiction, short stories, etc. Advanced composition. Continued practice in dictation and conversation, based on the texts read. *Prerequisite, 2.*

4. MODERN FRENCH COMEDY. Rapid reading of selected plays; writing of abstracts, and conversation based on texts read. Special attention to pronunciation and to reading without translating. *Prerequisite, 3.*

Courses 3-4 are required of sophomores who have taken 1-2 as freshmen.

5. FRENCH TRAGEDY. Corneille to Rostand. Reading in class of selected plays of Corneille, Racine, Hugo, and Rostand. Many others are assigned for outside reading. *Résumés* and *critiques* in French of assigned outside reading; lectures in French on the history of tragedy. *Prerequisite, 4.*

6. FRENCH COMEDY. Molière to Dumas *fils*. Reading in class of selected plays of Molière, Beaumarchais, Marivaux, Musset, Augier, and Dumas *fils*. *Résumés* and *critiques* in French of assigned outside reading; lectures in French on the history of comedy. *Prerequisite, 5.*

7-8. HISTORY OF FRENCH CIVILIZATION. A year's study of the origins and development of the French nation, its political, social, religious, literary, and artistic history. Extensive assigned readings, including both the sources and modern historians, especially Lavisse, Rambaud, Viollet, Lanson, and others. Preparation of papers in French on selected subjects, in alternation with lectures by the instructor. The illustrative material includes maps, plans, photographs, facsimiles, etc. This course is conducted almost wholly in French.

9. ROMANCE PHILOLOGY. Introduction to the comparative and historical grammar of the Romance languages, with special attention to Old French and Provençal. Reading of selected texts. *Prerequisites, French 6, Latin 4.*

10. MEDIEVAL LITERATURE. Reading of selected extracts, and comparative and historical study of the lyric and narrative poetry of the Middle Ages, especially in Old French and Provençal. Special attention to the Carolingian and Arthurian cycles, their origin and diffusion from the earliest times down to Tennyson and Wagner. *Prerequisite, 9.*

Spanish

ASSOCIATE PROFESSOR SUPER

1-2. ELEMENTARY SPANISH. Pronunciation, inflection, the laws of syntax and their application. Translation of simple prose; writing from dictation; oral and written exercises in composition. *Open to juniors.*

3-4. ADVANCED GRAMMAR AND MODERN PROSE. Continued practice in composition, dictation, and oral drill. Translation and sight reading, with constant reference to morphology and idiom in connection with the text. Representative works of such authors as Cervantes, Alarcón, Galdós, Valera, Valdés. *Prerequisite, 1-2.*

Italian

PROFESSOR SHEPARD

1. INTRODUCTION TO MODERN ITALIAN. Grammar, composition, rapid reading. The object of this course is the acquisition of a reading knowledge of modern Italian. Manzoni's *I promessi sposi* and selected short stories are used as texts. *Open to seniors. Prerequisite, French 4, Latin 4.*

2. INTRODUCTION TO THE STUDY OF DANTE. Reading of the *Vita Nuova* and of selected *canti* of the *Divina Commedia,* with much outside reading, including a study of Dante and his times, especially his relation to earlier poetry, Provençal and Italian, and to the religious and political thought of the Middle Ages.

ENGLISH LANGUAGE

ASSOCIATE PROFESSOR RUDD

1. ANGLO-SAXON. An introduction to the language and literature of England before the Norman Conquest. Bright's *Anglo-Saxon Reader* is the basis of study, accompanied by lectures on the history, structure, and vocabulary of the English language. *Open to juniors and seniors who have studied German.*

2. MIDDLE ENGLISH. Chaucer, his century, and his contemporaries. *The Canterbury Tales* are read, parts of the *Troilus and Criseyde* and the minor poems, and selected texts illustrating the various Middle English dialects and literary types. *Prerequisite, 1.*

HEBREW

PROFESSOR IBBOTSON

1. ELEMENTARY GRAMMAR AND READING. Exercises in translation from English into Hebrew. Selections from *Genesis.* Harper's *Hebrew Method and Manual,* and *Elements of Hebrew. Open to seniors.*

2. HISTORICAL PROSE. Hebrew syntax. Chapters from *Ruth, Samuel,* and *Kings.* Kittel's *Biblia Hebraica.* Brown, Briggs, and Driver's *Hebrew Lexicon.*

Group B

RHETORIC AND ORATORY

PROFESSOR LEWIS
MR. FANCHER

Public speaking in some form is required of every student from the time he enters until he graduates. Theme-writing extends through the first two years; and during the last two, composition, oral and written, is continued in discussions, orations, and debates.

It is believed that the mastery of English cannot best be taught by written method alone. Since the language of daily life is mainly oral, the greater part of the instruction in it should also be oral rather than written. The most recent movement in the pedagogy of English is towards this idea, long incorporated in our practice.

All courses in this department, except Writing English 5-6, 7-8, are required, and all are one-hour courses unless otherwise stated.

Writing English

1. FRESHMAN WRITING ENGLISH. The study and application of the elementary principles of English composition. The technique of writing. Weekly themes.

2. FRESHMAN RHETORIC AND WRITING ENGLISH. A continuation of 1, together with the study of rhetoric. *Three hours a week.*

3-4. SOPHOMORE WRITING ENGLISH. Advanced study and practice. Weekly themes.

5-6. JUNIOR ENGLISH COMPOSITION. Advanced study and practice for those looking forward to journalism, authorship, or English teaching. Open to all juniors. *Three hours.*

7-8. SENIOR ENGLISH COMPOSITION. A course for selected seniors, who under supervision criticize freshman themes (Writing English 1-2). Each is responsible for the themes of a group of freshmen. There is a conference upon each piece of writing. The results are subject to revision by the instructor. The meetings of the class are oc-

cupied with discussions of special forms of writing, and considerable practice work in each form is done. *Three hours. Prerequisite, 5-6.*

Public Speaking

1. ELEMENTS OF PUBLIC SPEAKING. The production and control of the voice, vowel and consonant sounds, the correction of vocal faults. The voice in speech: articulation, pronunciation, force, rate, pitch, timbre, emphasis, inflections, delivery, phrasing. Personality in speaking: physical interpretation, gesture, action. Short speeches (125-200 words) every two weeks. *Two hours, first term freshman year.*

3-4. FRESHMAN DECLAMATION. Each freshman appears three times during the year with a prose declamation 350-400 words in length. Three drills are required for each appearance.

5-6. SOPHOMORE DECLAMATION. Each sophomore appears once each term with a prose declamation 350-400 words in length. Two drills are required for each appearance. The second declamation may be original.

7-8. JUNIOR DECLAMATION. Each junior appears each term with an original short speech about 400 words in length. One drill is required for each appearance. The second speech may be a poem selected from some standard author.

9-10. JUNIOR DISCUSSIONS. Original argumentative orations, 700-900 words in length, on approved propositions, affirmative and negative. Each junior appears once a term. No drills required.

11-12. SENIOR ORATIONS. Each senior appears once each term with an original oration on an approved subject, 800-1000 words in length. No drills required.

13. SOPHOMORE DEBATE. Classroom study of the theory of argumentation and debate, including the analysis of propositions, methods of proof and rebuttal, briefing, and platform practice.

14. SOPHOMORE DEBATE. Classroom debates from briefs made in 13.

15-16. JUNIOR DEBATE. Advanced classroom debates.

17-18. SENIOR DEBATE. Advanced classroom debates.

ENGLISH LITERATURE

ASSOCIATE PROFESSOR RUDD

1. GENERAL INTRODUCTION TO ENGLISH LITERATURE. A rapid survey of the facts of English literary history from the beginnings to the nineteenth century, supplemented by outside reading, and accompanied by classroom study of Beowulf (in translation), Spenser, Milton, and Pope.

2. CHIEF BRITISH POETS OF THE NINETEENTH CENTURY. Special study of Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Browning, and others. Lectures, recitations, and essays. *Prerequisite, 1.*

Courses 1-2 are open to all who have completed the freshman year and are prerequisite to all further work in English literature.

3. ENGLISH LITERATURE IN THE SEVENTEENTH CENTURY. The work includes the seventeenth century lyric; the poetry and prose of Milton; the work of Bunyan, Browne, Dryden, and others; with special stress on the social and political conditions of the time. *Prerequisite, 1-2.* (Not offered in 1917-18.)

4. ENGLISH LITERATURE IN THE EIGHTEENTH CENTURY. Study of selected masterpieces from the Augustan writers, with wide outside reading in the literature of the century. Special attention to the development of modern prose style, the rise of the periodical essay and the pamphlet, and the beginnings of the novel. *Prerequisite, 3.* (Not offered in 1817-18.)

5. THE ROMANTIC PERIOD OF ENGLISH LITERATURE. The poets and prose writers concerned in the revival of imaginative literature between 1780 and 1832, particularly Cowper, Burns, Wordsworth, Coleridge, Lamb, Hazlitt, and DeQuincey. *Prerequisite, 1-2.*

6. THE VICTORIAN ERA OF ENGLISH LITERATURE. A study of as many of the Victorian writers as time permits—Macaulay, Carlyle, Mill, Arnold, Tennyson, the Brownings, Newman, Ruskin—with a course of outside readings in the nineteenth century novel. *Prerequisite, 5.*

Courses 5-6 alternate with 3-4 in successive years.

7-8. SHAKESPEARE AND THE ELIZABETHAN DRAMA. Shakespeare is the center of study for the year. All the plays are read, with critical study of certain dramas representative of the different stages in the

development of his art. Lectures on the history of the drama from the beginnings to 1642; collateral reading in the minor Elizabethan playwrights. Library topical work and practice in handling original sources. Term theses required. *Open to seniors who have completed with credit at least one year-course in this department.*

For ANGLO-SAXON and MIDDLE ENGLISH, see under English Language, page 41.

PHILOSOPHY

PROFESSOR SQUIRES

1. PSYCHOLOGY. A general introduction to the study of philosophy and pedagogy. The elements of descriptive, physiological, and genetic psychology. Text-books, lectures, and reports on assigned readings.

2. LOGIC. Deductive and inductive logic, with rules of evidence as formulated by such writers as Greenleaf or Stephen.

Courses 1-2 are open to all who have completed freshman year.

3. PLATO TO KANT. The problems of philosophy from Plato to Kant. Lectures, papers, and readings from sources.

4. KANT TO SPENCER. The modern schools of philosophy from Kant to Spencer, with emphasis on the metaphysics and aesthetics of the period, and the relation of pholosophy to current belief.

5. CURRENT PROBLEMS IN PHILOSOPHY. Studies in pragmatism, idealism, realism; in social, abnormal, and experimental psychology; and in advanced logical theory. *Prerequisite, 3-4.*

6. PHILOSOPHICAL CLASSICS. The reading of Kant's *Critique of Pure Reason,* Locke's *Essay Concerning Human Understanding,* Schopenhauer's *The World as Will and Idea;* or American philosophical writers. *Prerequisite, 5.*

7. PEDAGOGY. The history, science, principles, and theory of education. *Open to seniors. Prerequisite, 1-2.*

8. PEDAGOGY. The practical problems of education, including methods, teaching, and the reading of educational classics. *Prerequisite, 7.*

TEACHERS' CERTIFICATE. Under the rules of the New York State Education Department, a "Professional Certificate," valid for three years, is granted to a graduate of an approved college. At the end of three years' successful experience in teaching, a "College Graduate Certificate" will be issued, valid for life. This exempts from further

examination, except in certain cities. A student who desires this certificate must complete the course in pedagogy approved by the Education Department.

HISTORY

PROFESSOR FLIPPIN

1. MEDIEVAL EUROPE. A general survey of the history of western Europe from the fall of Rome to the Renaissance. The institutions of the Middle Ages are especially emphasized.

2. MODERN EUROPE. A general survey of the history of Europe from the Renaissance to the present time. The transition from the Middle Ages and the development of the modern European governments.

Courses 1-2 are open to sophomores.

3. HISTORY OF ENGLAND. A general survey of English history from the earliest times to the present. The development of Parliament and the growth of the cabinet.

4. HISTORY OF THE UNITED STATES. A general survey of the history of the United States from the discovery of America to the present time. The development of independence and the growth of the spirit of nationality are emphasized.

Courses 3-4 are open to juniors.

5. HISTORY OF THE UNITED STATES TO 1789. A detailed study of the colonies and of the causes, development, and results of the Revolution. The adoption of the Federal constitution and the organization of the government under Washington. *Prerequisite, 3-4.*

6. HISTORY OF THE UNITED STATES, 1789-1916. The growth of political parties. The development of slavery as a political issue. The Civil War and the period of reconstruction. The later territorial and industrial expansion. *Prerequisite, 5.*

7. FRENCH REVOLUTION AND NAPOLEONIC ERA. The causes, the development, and the far-reaching results of the French Revolution. The influence of Napoleon upon France and upon Europe. *Open to seniors. Prerequisite, 1-2.*

8. EUROPE IN THE NINETEENTH CENTURY. The reconstruction of Europe after the downfall of Napoleon, according to the Congress of Vienna. The tendency toward revolution, resulting in the formation of the present governments. *Prerequisite, 7.*

POLITICAL SCIENCE

PROFESSOR WOOD

1-2. MODERN FREE GOVERNMENTS. The government of the United States, national, state, and local, compared with typical foreign systems, their legal frames, and their actual workings. Party systems. Text-book and library work. *Open to sophomores.*

3. MUNICIPAL GOVERNMENT. Methods, problems, structure, and powers of municipal government in Europe and the United States.

4. POLITICAL SCIENCE AND CONSTITUTIONAL LAW. The nature and attributes of the State. Sovereignty. Limitations upon government. Nationality. Types of constitutions. Separation of powers. Representation. Suffrage. Function of the judiciary. Some American cases in constitutional interpretation.

Courses 3-4 are open to juniors.

5-6. INTERNATIONAL LAW AND INTERNATIONAL RELATIONS. The principles of international law and diplomacy. Progress and problems of international organization. European groups. The Monroe Doctrine. The relations of the United States with Latin America, with European powers, and with the Far East. *Open to seniors.*

LAW AND CIVIL POLITY

PROFESSOR DAVENPORT

1. THE THEORY AND PRACTICE OF DEMOCRACY. The nature, development, merits, and limitations of democracy, with special attention to the course of popular government in the United States.

3. CURRENT PROBLEMS OF DEMOCRACY. Nationalism and internationalism, particularly in their bearings upon the American government and people. Lectures and discussions.

Courses 1 and 3 are the equivalent of a year-course. Open to seniors.

5. THE ELEMENTS OF LAW. The topics covered include the sources, nature, and development of law, the characteristics of the common law and of equity, the rights of the person and of property, contracts, agency, bailments, corporations. Collateral reading from Blackstone's *Commentaries.*

Course 5 and Economics 6 constitute a year-course. Open to seniors. Prerequisite, Economics, 1-2.

ECONOMICS AND SOCIOLOGY

ASSOCIATE PROFESSOR CLARKE

1-2. SOCIOLOGY. A consideration of the origin and nature of group life, of the nature of progress, and of means of social improvement through collective control of the physical, organic and psychological forces at work in the world. Discussions and laboratory studies of factors of the social mind such as suggestion, imitation, custom, leadership, and discussion. This is followed by a brief study of the early history of man and of the development of social institutions. *Open to juniors.*

3. PRINCIPLES OF ECONOMICS. An introduction to economic theory, aiming to give the student a grasp of the fundamental principles underlying modern economic life. *Open to juniors.*

4. ECONOMIC PROBLEMS. An elementary study of problems, such as money and banking, the tariff, the trusts, railroads, and socialism, considered in the light of principles developed in Course 3. *Prerequisite, 3.*

5. PUBLIC FINANCE. A study of the theory and practice of public expenditure, the budget and budgetary legislation, public revenue from industry and taxation, and public credit. *Prerequisite, 4.*

6. THE LABOR PROBLEM. A brief summary of the conditions creating a permanent class of wage earners in the modern state, an analysis of the social and economic characteristics of the working class, and an outline of the development and function of labor organizations. Especial attention is given to the problem of the relation of the state to labor, as expressed in factory legislation, minimum wage laws, and workingmen's insurance. *Prerequisite, 5.*

Group C

MATHEMATICS

PRESIDENT FERRY, PROFESSOR CARRUTH,
AND PROFESSOR BROWN

1. ALGEBRA. Graphical representation, complex numbers, theory of equations, determinants, partial fractions, continued fractions, inequalities, permutations and combinations, probability.

2. TRIGONOMETRY. Theory and use of logarithms, definitions and relations of the trigonometric functions of acute angles and of angles in general, the solution of right and oblique triangles.

Courses 1-2 are required of all freshmen except those who enter with four units of mathematics.

3. ANALYTIC GEOMETRY. An elementary course in plane analytic geometry. Cartesian and polar coordinates, simple curve-tracing, study of the straight line and conic sections. *Prerequisite, 1-2.*

4. DIFFERENTIAL CALCULUS. Differentiation of algebraic and transcendental functions. Simple applications to algebra, geometry, and mechanics. *Prerequisite, 3.*

5. CALCULUS. Technique of integration. The definite integral, and applications to geometry and mechanics. Further study of differential calculus, including change of variable, partial differentiation, expansion of functions. *Prerequisite, 4.*

6. ANALYTIC GEOMETRY. Analytic geometry of three dimensions, including a brief discussion of quadric surfaces. Applications of calculus to analytic geometry of two and three dimensions. *Prerequisite, 5.*

7. DIFFERENTIAL EQUATIONS. The solution of the simpler types of differential equations, with applications to physics. *Prerequisite, 5.*

8. PROJECTIVE GEOMETRY. Elementary synthetic geometry, involving ranges of the first and second order, and constructions. *Prerequisite, 3.*

BIOLOGY

PROFESSOR MORRILL

1-2. GENERAL BIOLOGY. The observation of living organisms representing the great groups of plants and animals, together with the study of their structure, is used as an introduction to the phenomena of life. After the general study of both plants and animals, attention is focused on animal biology, followed in the second term by the study of plant biology. In the laboratory and lectures emphasis is placed on the function and form of organs as dependent on each other, and on the laws of living organisms. *Prerequisite to all later courses. Laboratory fee, $15.*

3. ZOOLOGY. The study of examples of the invertebrate animals is followed by the study of the anatomy of the cat, as a representative vertebrate. This course is valuable as a preparation for the study of comparative anatomy, psychology, or medicine. *Prerequisite, 1-2.*

4. Embryology of Vertebrates. The study of the development of the frog and the chick, supplemented by that of an elasmobranch and a mammal, gives an opportunity to trace the growth of the organs of the body, and serves as an introduction to microscopical technique. *Prerequisite, 3. Laboratory fee for 3-4, $15.*

5. Elementary Bacteriology. A familiarity with the methods of bacteriology is secured by the study of non-pathogenic bacteria and by an introduction to the technique of water and milk examination. *Prerequisite, 4.*

6. Histology and Physiology. The minute structure of the organs of vertebrates as a basis for the study of physiology. The phenomena of motion, secretion, and excretion are considered. *Prerequisite, 5. Laboratory fee for 5-6, $15.*

CHEMISTRY

Professor A. P. Saunders

All courses in chemistry require two hours in the lecture room and four hours in the laboratory each week, but are reckoned as three-hour courses. The laboratory fees are $10 each term.

1. Elementary College Chemistry. A thorough discussion of the fundamental laws and theories of chemistry, together with a study of the gaseous elements and a few of the metals. In the lecture room special emphasis is laid on chemical calculations, and in the laboratory a considerable number of quantitative experiments are made, to illustrate the laws of combining proportions, etc.

2. College Chemistry. A study of elements not taken up in 1. Chemical calculations. The periodic system of the elements. *Prerequisite, 1.*

3. Qualitative Analysis. Theory of solution. Application of the ionization theory to analytical procedure. *Prerequisite, 2.*

4. Quantitative Analysis. Study of selected typical gravimetric and volumetric methods. *Prerequisite, 3.*

5. Organic Chemistry. Aliphatic compounds. *Prerequisite, 2.* (Not offered in 1917-18.)

6. Organic Chemistry. Aromatic compounds. A part of the course is devoted to the chemistry of nutrition, agricultural chemistry, or other selected special topics. *Prerequisite, 5.* (Not offered in 1917-18.)

Courses 5-6 alternate with 3-4 in successive years.

PHYSICS

PROFESSOR S. J. SAUNDERS

1. MECHANICS AND HEAT. Lectures and recitations. *Open to juniors and seniors.*

2. SOUND AND LIGHT. Lectures and recitations. *Open to juniors and seniors.*

3. ELECTRICITY AND MAGNETISM. Lectures and recitations. *Open to juniors and seniors.* (Not offered in 1917-18.)

4. ELECTRICITY AND MAGNETISM. Lectures and recitations. *Prerequisite, 3.* (Not offered in 1917-18.)

Courses 1-2 alternate with 3-4 in successive years.

5. DESCRIPTIVE ASTRONOMY. Lectures and recitations. *Open to seniors.*

6. GENERAL LABORATORY PRACTICE. Quantitative work with written reports and discussions of the results of the experiments. *Prerequisite, 1-2 or 3-4. Laboratory fee, $4.*

GEOLOGY

PROFESSOR DALE

1-2. GENERAL GEOLOGY. An introductory course, including studies of the various geological agencies and processes responsible for the past and present surface features of the earth, the general composition and structure of the earth's crust, and the geological history of the earth. Lectures, recitations, laboratory, and field trips. *Open to sophomores.*

3-4. HISTORICAL AND STRUCTURAL GEOLOGY. The history and evolution of the earth from its origin to recent times, including the various geographical, structural, and climatic changes through which the earth has passed and descriptions of the characteristic life of each period. Regional geology, with particular emphasis upon structure, stratigraphy, and ore-deposits. Lectures, recitations, laboratory, and field work. *Prerequisite, 1-2.*

5-6. MINERALOGY. A descriptive and determinative study of the important rock-forming minerals and others of particular scientific and economic importance, including an introductory course on crystal forms.

Lectures and laboratory. *Open to juniors. Prerequisite, Chemistry 1-2 or its equivalent. Laboratory fee, $3.*

7-8. PHYSIOGRAPHY. The description, origin, and interpretation of the earth's surface forms and their influence upon man. The elements of oceanography, meteorology, and climatology. Classroom and field work. *Open to seniors and approved juniors.*

PHYSICAL EDUCATION

MR. PRETTYMAN

1-2. HYGIENE. Lectures on personal and public hygiene, first aid, and resuscitation. Text-book, Fisher and Fisk's *How to Live. Required of freshmen. One hour a week.*

3-4. PHYSICAL TRAINING. Indoor and outdoor athletics, calisthenics, and gymnastic work. Classes in corrective exercises for special cases. Required of freshmen and sophomores who are not in military training. *Two hours a week.*

Opportunities for playing football, soccer, basketball, ice hockey, baseball, and tennis are offered to the entire student body.

A thorough physical examination is required of freshmen and offered to all other students.

MILITARY ART AND SCIENCE

PROFESSOR CARRUTH

Instruction is offered in military art and science, following the outline given in General Orders No. 48 of the United States War Department. The course includes physical training; instruction in the school of the soldier, squad, and company, theoretical and practical; field exercises; military hygiene; and tactics. The work is officially accredited by the War Department. *Elective for all students who pass the physical tests. Three periods a week for the year.*

HONORS AND COMMENCEMENT APPOINTMENTS

Department honors may be awarded at graduation in the following subjects or groups of subjects: Greek; Latin; German; French; Italian and Spanish; Writing English; Public Speaking; English Language and Literature; Philosophy; Ethics and Bible Studies; Economics; Political Science; History; Mathematics; Biology; Chemistry; Geology and Mineralogy; Physics. An honor requires the attainment of an average standing of not less than 9 in the courses on which the honor is based, and a complete record of examinations in these courses. Students attaining a standing between 8.5 and 9 may also receive the honor, but only on a special recommendation by the head of the department, in which case extra work may be required. Usually all the work offered by a department must be taken; but no student is required to repeat in college a course accepted for admission to the freshman class, nor to take more than four year-courses in Greek, German, French, or English Language and Literature (including English Language 1-2). In Philosophy, courses 7-8 are not reckoned in the honor. In Writing English a student must take all the courses offered, and must submit an acceptable prize essay in each of the first three years and an acceptable Pruyn, Head, or Kirkland Oration in senior year. In Public Speaking a student must be an appointee to the Clark Prize Oration contest or to the McKinney Prize Debate.

The names of seniors who have high honor, honor, or credit grades for the senior year and for the entire course are announced at the final chapel of the year. The Valedictorian and the Salutatorian are the two members of the graduating class who have attained, respectively, the highest and the next to the highest standing for the entire course.

Commencement speakers are: the Clark Prize Orator; the Pruyn Medal, Head Prize, and Kirkland Prize Orators; the

Salutatorian and the Valedictorian; and the Master's Orator. If any one of these is not appointed, or if two appointments fall to one person, the Faculty may appoint others, not exceeding seven in all, from men of high honor grade and excellent rhetorical record.

DEGREES

The Classical Course leads to the degree of Bachelor of Arts; the Latin-Scientific Course to the degree of Bachelor of Philosophy. The degree of Bachelor of Science may be conferred upon one who has taken the entire work of at least two departments in Group C. The Bachelor's degree, *nunc pro tunc,* may be conferred upon a former student who, since leaving college, has pursued a scholarly career sufficiently distinguished to justify the degree. It is not conferred *in absentia;* the fee is $10, payable in advance.

The Master's degree may be conferred upon graduates of Hamilton, or of another college with equivalent courses, for residence work of one year. A candidate for this degree must pursue work in two related subjects, in one of which he must submit an approved thesis. His studies and the subject of his thesis must be reported to the Faculty early in first term. He must successfully meet the term examinations in his subjects, and at the end of the year an oral examination before a committee of two members of the Faculty. Bachelors not in residence but otherwise fulfilling these conditions may receive the Master's degree in two years upon payment of regular tuition. Graduates of three years' standing who have continued in study may receive the Master's degree corresponding to their previous degree upon application to the President early in May. They should be present at commencement to receive their degrees in person. They are represented in the commencement exercises by a Master's Orator, appointed by the

Faculty. The fee for the Master's degree, in course, is $10, payable in advance.

Honorary degrees are conferred only upon those who, having accepted advance notification, are present in person to receive them.

FELLOWSHIPS

THE ROOT FELLOWSHIP. The twenty-fourth appointment to the Fellowship in Physical Science, founded by the Hon. Elihu Root, D.C.L., '64, is offered under the following regulations:

The fellowship is awarded to a member of the graduating class who has shown marked ability and special aptitude for investigation in one of the departments of physical science. The whole fitness of the man enters into the estimate. Candidates are recommended by professors to the Faculty, who select by ballot, by a two-thirds vote, a nominee whom they refer to the Trustees for confirmation.

The appointment is for one year for study at some university in America or Europe to be approved by the Faculty after the award. If the Faculty see fit to make no nomination from the graduating class, they may recommend to continue the Fellow of the previous year for a second year only. The stipend of $500 is payable in three equal instalments, in October, February, and May, subject to satisfactory proof of the Fellow's diligence and progress. Near the end of his appointment and before the third payment, the Fellow is required to make to the President a full written report, to be kept in the college records.

THE LOCKE FELLOWSHIP. The tenth appointment to the Fellowship in Greek, founded by Franklin D. Locke, LL.D., '64, is offered under the following regulations:

The fellowship is awarded to a member of the graduating class who has taken the entire course in Greek and has shown high ability. The whole fitness of the man enters into the

estimate. It is expected, but not required, that the appointee will undertake the advanced study of Greek with a view to teaching the subject; and this purpose is considered in making the award. The candidate is recommended to the Faculty by the senior Professor of Greek after conference with the President, and upon two-thirds vote of approval by the Faculty is referred to the Trustees for their confirmation. If in any year no appointment is made, the interest of the foundation is added to the principal.

The appointment is for one year, for study at some university in Europe or America to be approved by the Faculty after the award. The stipend of $500 is payable in three equal instalments, in October, February, and May, subject to satisfactory proof of the Fellow's diligence and progress. Near the end of his appointment, and before the third payment, the Fellow is required to make to the President a full written report, to be kept in the college records.

SCHOLARSHIPS

General Regulations

There are ninety permanent endowments, which are administered so as to furnish to their incumbents tuition for three years, and for the third year of tenure "ordinary room rental" ($9 a term) to incumbents who are lessees of dormitory rooms. A few of the scholarships are subject to special provisions.

No student may at one time hold more than one prize scholarship, and no student while holding a prize scholarship may be awarded a general college scholarship.

Applications, which should be made to the President in writing, are considered in their order. The President must be personally assured of the fidelity and actual need of applicants. Ordinarily the benefits of these foundations are assigned to needy and meritorious students who have been orderly and

diligent and who are without entrance conditions, postponed examinations of long arrears, or delinquencies. Scholarships are not granted to special students. If an incumbent is extravgant, or is guilty of any gross impropriety, or neglects to stand above mediocrity, the aid will be summarily withdrawn. This rule applies to all scholarships, including the prize scholarships.

The state of New York provides in each assembly district five competitive college scholarships, based upon standing in Regents' examinations, and yielding $100 annually for four years. Successful competitors may enter any college within the state. A state scholarship, primarily covering tuition, is not duplicated by a general college scholarship.

Approved candidates for the Christian ministry who need aid, may receive from $80 to $100 a year by placing themselves under the care of the Presbyterian Board of Education, the Congregational Educational Society, the Board of the Reformed Church, or other church authorities.

Scholarship Foundations

The amount of each foundation is $2,000, unless otherwise stated.

25 Founded by Andrew Carnegie.
1 Leavenworth (for a student of that name), $10,000.
1 S. B. Steere (for a relative or for five others), $10,000.
6 Laura Carter.
5 Julia J. McCartee, Darling Memorial.
5 William E. Dodge.
2 S. H. Jardin.
2 Marquand Estate.
2 Thomas S. Hubbard, $3,500.
2 Horace B. Silliman, $3,000.
1 Mrs. S. E. Baird, $2,500.
1 Charles D. Gilfillan, $2,500.
1 Richard S. Cowles.
1 Lamberton and Merriam.
1 Alling and Ellinwood.
1 Roswell P. Flower.
1 Kellogg and Clark.
1 Marcus Judson, $1,900.
1 Vischer and Nichols, $1,748.
1 Geneva Presbytery, $1,700.
1 C. C. Sheppard, $1,500.
1 William Burton, $1,500.
1 John J. Knox, $1,500.
1 James Seymour, $1,500.
1 Carlton Rogers, $1,000.
1 Powers and Mather, $1,000.
1 P. Charles Cole, $1,000.

1 John R. Terrett Memorial, by A. P. Sloane.
1 D. Willis James.
1 Sylvester Willard Memorial.
1 Henry W. King.
1 Mrs. James L. Bradley.
1 J. B. Wells.
1 Alexander Folsom.
1 Allen and McCall.
1 Henry Duguid, $1,000.
4 Soper Scholarships (for Rome scholars), $10,000.
1 Albert C. Phillips.
4 Melville E. Dayton Memorial (for Utica scholars).
1 Mrs. Charlotte B. Sackett Memorial, $10,000.
1 Charles Holland Duell, $10,000.

Three other scholarship foundations are semi-proprietary or reserved for increment.

The quadrennial Clarence A. Seward scholarship, yielding $560, is awarded to some member of the Alpha Delta Phi Society under conditions set by its authorities.

Senior Prize Scholarships

Four prize scholarships are awarded by vote of the Faculty at the close of junior year, as follows:

The Chauncey S. Truax Prize Scholarship in Greek, yielding $300 to that senior who, having entered Hamilton as a freshman with unconditioned preparation in three years of Greek, shall have stood highest in the Greek work of the first three years with an average grade of not less than 8.5.

The Memorial Edward Huntington Mathematical Scholarship, founded by Alexander C. Soper, A.M., '67, yielding $250.

The Arthur W. Soper Latin Scholarship, yielding $250.

The German Scholarship, founded by the Hon. Charles Holland Duell, LL.D., '71, yielding $250.

The awards are made in the order, first, of the values—should these vary—and, second, of the ages of the foundations.

Each scholarship is awarded to the student of highest standing in the department in which it is offered, unless another of these scholarships is already assigned to him. In this case the award is made to the next highest in the department who

has not received an award. To be eligible a student must have taken all the courses of the department concerned up to the end of junior year, including prize examinations, and upon receiving an award must elect the courses of the department through senior year. Eligibility for the Griffith scholarship and for the A. W. Soper scholarship must include the Curran Prize Examination in Greek and Latin. To receive the stipend, an appointee must complete senior year in this college and pay in full the college bills of that year.

Junior Prize Scholarships

TWO OREN ROOT PRIZE SCHOLARSHIPS. These scholarships, of $100 each, are awarded to the two juniors who have the best record in mathematics during the freshman and sophomore years. To be eligible for the award a student must elect mathematics through junior year.

Freshman Prize Scholarships

FIVE FAYERWEATHER SCHOLARSHIPS. These scholarships, yielding tuition for freshman year, are awarded to the five men of each class who pass the best entrance examinations at the College in September upon fourteen and one-half units of secondary school studies, as specified under Requirements for Admission, provided there are five of satisfactory grade. Failure in any subject cancels an entrance certificate in that subject and imposes a condition. A competitor who incurs more than one condition in this way may not receive an award, and a competitor who incurs one condition may not receive the benefit until that condition is removed. Freshmen admitted in June may enter this September examination. Appointees to these scholarships are eligible to the Maynard and Brockway Entrance Prize competition (see "Prizes," 19, 20).

THE JOHN W. VROOMAN SCHOLARSHIP. This scholarship, yielding tuition for freshman year, is awarded to the candidate

who in September passes, with a grade of 7 or higher, the best oral examination at the College upon the Greek text of the *Gospel of Luke* and upon Homer's *Iliad,* Books 1–3. The *Gospel of Luke* is accepted for entrance in place of Books 2–4 of the *Anabasis.* Approved certificates are accepted for Book 1 of the *Anabasis,* Greek prose composition, ancient history, and other specified parts of the preparation. To receive the award a candidate must enter without a condition. A competitor for this scholarship may also enter the Maynard and Brockway Entrance Prize competition (see "Prizes," 19, 20) by taking examinations in the other subjects which he offers for admission.

PRIZES

Regulations Governing Prize Essays and Orations

All papers in any competition must be upon subjects assigned by the Faculty, and must be left with the President at a given day and hour. They must be typewritten upon one side of sheets about eight by eleven inches, with broad margins for binding. Pages must be properly numbered and fastened securely; they must not be rolled or folded. Each hundred words must be indicated by numbers in the margin. Each paper must be signed with a fictitious name, and accompanied by a sealed envelope similarly marked and containing the name of the author.

Papers not conforming to these requirements and papers submitted late will be returned to the writers without credit. Prize orations must not be published before they are spoken. Succesful papers become the property of the Library.

Orations and essays are judged upon absolute as well as relative merit. Lack of competition does not prevent an award, nor does abundant competition assure an award if no competing paper merits it.

Prizes are conferred only upon those present to receive them on commencement day, unless excuses for absence have been granted by vote of the Faculty. Applications for excuse must be presented through the Dean in writing before the final Faculty meeting on Tuesday preceding commencement day.

Prize Foundations

1. CLARK PRIZE ORATION. A foundation of $1,000, begun by Aaron Clark, of New York, and increased by Henry A. Clark, '38, of Bainbridge, furnishes a prize for the senior excelling in original oratory.

Competition is open to seniors who have had appointment as prize speakers and whose work has not subsequently deteriorated, and to the additional one-fifth of the senior class who have the next highest record in speaking in Tuesday and Saturday rhetoricals after the beginning of junior year. The list of those eligible is posted by the second Friday of December.

Orations may contain not more than fifteen hundred words, and must be left with the President before noon of the first Wednesday in March. They are considered by the Reading Committee of the Faculty, who determine the six best orations, regardless of subject, provided there be six of sufficient merit. The names of successful competitors are announced at the morning chapel on the day following the award by the Faculty.

The orations are delivered on the Wednesday evening nearest to June 1. The prize is awarded by vote of the Faculty at the close of the exhibition, and is then announced.

Subjects, 1918: Socialism and the Great War; Is American Education Adequate? Milton the Patriot; Woman and War; An International League of Honor; Booker T. Washington—Man; Executive Leadership in a Modern Democracy; The House of Romanoff.

2. PRUYN MEDAL ORATION. A foundation of $500 by the

late Chancellor John V. L. Pruyn, of Albany, furnishes a gold medal for the senior writing the best oration on "The Political Duties of Educated Young Men."

Subject, 1918: The Educated Man in a National Crisis.

3. HEAD PRIZE ORATION. A foundation of $1,000 by Franklin H. Head, LL.D., '56, of Chicago, Ill., furnishes a prize for the senior writing the best oration upon a theme relating to Alexander Hamilton.

Subject, 1918: Alexander Hamilton and Vested Interests.

4. KIRKLAND PRIZE ORATION. A foundation of $500 by the late Mrs. A. R. Kirkland, of Clinton, furnishes a prize for the senior writing the best oration upon a theme in Biblical science.

Subject, 1918: Elijah, the Truth-Teller.

Orations submitted by competitors in Pruyn, Head, and Kirkland contests may contain not more than twelve hundred words, and must be left with the President before noon of the first Saturday following the Easter recess. A senior may receive not more than one of these awards, though he may write on more than one subject. Each prize oration is delivered at the commencement exercises.

5. MCKINNEY PRIZE DEBATE. A foundation of $1,500 by the late Charles McKinney, of Binghamton, furnishes two prizes of $50 and $25 for seniors excelling in extemporaneous debate.

The proposition for debate is chosen by the Professor of Rhetoric and Oratory and submitted to the Faculty for approval not later than April 1. It is announced to the College at the next morning chapel following its approval.

The prize debaters are the six seniors whose average standing in argumentation and debate is highest for the entire course.

The grades to be considered in choosing these contestants are reported to the Registrar at the end of the eighth week of second term. Within a week thereafter the Registrar presents to the Faculty the names of the six men eligible for appointment, and the announcement of their appointment is made at the next morning chapel after their approval by the Faculty. Within a week from this announcement the debaters meet the Professor of Rhetoric and Oratory and determine sides and order of speaking for the debate.

The Prize Debate is held on Friday evening of commencement week, at eight o'clock. Each debater on his first appearance may speak nine minutes; on his second six. Notes may not be used in the debate. The award is made by a committee of five, not members of the Faculty, and is announced at the close of the debate. In making the decision, the judges determine (1) the stronger side of the argument as presented, and (2) the best and the second best debaters. These receive the prizes of $50 and $25 respectively.

Subject, 1917: Restriction of Immigration by means of an Illiteracy Test as in the Law Enacted by the Sixty-Fourth Congress.

6. Soper Prize Thesis. A foundation of $1,500 by the late Arthur W. Soper, of New York, furnishes a prize of $75 to the senior submitting the best thesis in advocacy of a protective tariff.

The thesis subject for each class is announced toward the end of sophomore year. Theses are not limited as to length. They must be left with the President before noon of the second Thursday in October of senior year. They are judged by a committee chosen by the Faculty from outside their own number. The decision is made public early in second term, and the prize is awarded upon commencement day, upon condition of the winner's graduation.

Subject, for the class of 1919: The Tariff Union as a Means of Promoting International Solidarity.

7. Underwood Prize in Chemistry. A foundation of $500 by the late George Underwood, '38, of Auburn, furnishes a prize for the senior who excels in chemistry.

8. Southworth Prize in Physics. A foundation of $500 by the late Tertius D. Southworth, '27, furnishes a prize for the senior who excels in physics.

9. Darling Prize in American History. A foundation by the late Charles W. Darling, of Utica, furnishes a prize of $10 for the senior having the best record in American History.

10. Warfield German Prize. By Frederick P. Warfield, '96, of New York, a prize of $50 is offered to senior competition for excellence in German.

11. Tower Prizes in Spanish and in French. By the Hon. Charlemagne Tower, LL.D., of Philadelphia, two prizes of $50 each are offered to seniors for excellence in Spanish and in French respectively.

Each award is made on the basis of an examination in second term.

12. Tompkins Mathematical Prizes. A foundation of $1,200 by Hamilton B. Tompkins, A.M., '65, of New York, provides two prizes and four medals for juniors who excel in mathematics.

The award is made upon the basis of an examination early in June, involving the mathematics of sophomore and junior years.

13. Curran Prize in Greek and Latin. A foundation of $700 by relatives of the late Col. Henry H. Curran, '62, of Utica, furnishes a prize in Greek and Latin, offered to juniors, the prize consisting of money and a bronze medal, commemorative of Col. Curran. The award is determined by written examinations in Greek and Latin. The competition in a given

year is based upon courses 7-8, 9-10, or 11-12 in Greek, and upon courses 5-6 in Latin.

14. HAWLEY PRIZES IN GREEK AND LATIN. A foundation of $500 by the late Martin Hawley, '51, of Baltimore, Md., furnishes two book prizes, equal in value, one for excellence in Greek, and one for excellence in Latin. The competition is open to any student completing a third year of college work in either language.

15, 16, and 17. KELLOGG ESSAY PRIZES, COBB ESSAY PRIZE, AND HUTTON ESSAY PRIZE. A foundation of $700 by the late Charles C. Kellogg, '49, of Utica, furnishes book prizes for two juniors, one sophomore, and two freshmen who excel in English essays. A foundation of $500 by the late Willard A. Cobb, '64, of Lockport, furnishes a book prize for the sophomore submitting the best essay upon some subject relating to the newspaper. A foundation of $500 by the late William Hutton, D.D., '64, of Philadelphia, furnishes a prize of $25 for the sophomore submitting the best essay on an assigned subject in Biblical history.

One subject is assigned for each prize offered. A competitor may write on more than one subject, but he may receive only one award in any year. An award does not bar a student from competition in a subsequent year.

Essays may contain not more than thirty-five hundred words, and must be left with the President before noon of the first day following the Easter recess. They are considered by a committee chosen by the Professor of Rhetoric and Oratory.

One prize may be awarded for each subject announced, provided there is a competing essay deserving an award; and honorable mention may also be made of a second best essay on each subject. Prizes are awarded on commencement day.

Subjects, 1918: Juniors, The Influence of the French Revolution on English Literature; Huxley, the Champion of Truth. Sophomores, The

Poetry of the Great War; Newspaper Censorship (Cobb); Priest and Prophet in Hebrew History (Hutton). Freshmen, Martin Luther, 1517-1917; The Moving Picture and Its Possibilities.

18. McKinney Prize Declamation. A foundation of $700 by the late Charles McKinney, of Binghamton, furnishes book prizes for the two students in each of the three lower classes who excel in declamation.

Four contestants are annually chosen from each of the three lower classes upon the basis of their record in Tuesday rhetoricals up to the time of appointment. The competition is held in the College Chapel on the Thursday afternoon of commencement week. The award is made by a committee chosen by the Professor of Rhetoric and Oratory.

19. Maynard Entrance Prize. By Reuben L. Maynard, A.M., '84, of New York, a prize of $100 is offered to the freshman standing first among the successful competitors for the Fayerweather Prize Scholarships (see "Freshman Prize Scholarships").

The award is made upon the basis of the September entrance examinations, and is payable at the succeeding commencement on condition that the candidate has been regular and orderly, and has stood high honor for the year.

20. Brockway Entrance Prize. A foundation by the late Dr. A. Norton Brockway, '57, furnishes a prize of $25 to the freshman standing second among the successful competitors for the Fayerweather Prize Scholarships (see "Freshman Prize Scholarships").

The award is made on the basis of the September entrance examinations, and is payable to the candidate upon the orderly completion of freshman year.

GENERAL INFORMATION

SITUATION

The College is located at the very center of New York State, in the county of Oneida, one mile from the village of Clinton. Nine miles to the northeast lies the city of Utica, on the main line of the New York Central, accessible from Clinton both by trolley and by the New York, Ontario & Western railroad.

The College occupies a natural plateau nine hundred feet above the sea and three hundred feet above the immediate valley. Its campus is a park of ninety-five acres, shaded by venerable trees, with an easterly exposure, overlooking the Oriskany and Mohawk valleys. Its eighteen buildings, arranged in quadrangles, are modern and adequate, and with three exceptions are constructed entirely of stone. The naturally healthful conditions secured by the elevation and by air exceptionally pure and dry, are supplemented by a private water supply from spring-fed reservoirs above the College, and by an extensive system of sanitation, constructed in accordance with the best modern practice and officially approved by the state authorities.

BUILDINGS

DORMITORIES—Three dormitories afford exceptional accommodations for the greater part of the student body. Carnegie Hall (1904) and South College (1906) together receive about 120 men. They are fire-proof and equipped with every modern convenience: steam heat, broad fireplaces, hardwood floors, electric light, and bath-rooms. North College (1842), now extensively improved, affords similar accommodations for 54 men at more moderate rental.

All rooms are arranged in suites, which are restricted to two or three occupants. No deduction is made for occupancy less than that for which a suite is designated. Occupants provide their own furnishings; but full care of room is included in the rental. All rooms are leased only for the academic year, and the buildings are closed during vacations. Fuller details and the rules governing the leasing of rooms may be obtained from Edward M. Coughlin, the Bursar of the College.

Science and Recitation Halls—Three buildings are devoted to the work of the scientific departments. Root Hall of Science (1897) houses the departments of physics, mathematics, and biology, with an entire floor for each. The Chemical Laboratory (1903), a two-story stone building, is devoted exclusively to the department of chemistry. Knox Hall (remodelled 1885) contains the Museum of Natural History, with the lecture rooms and laboratory for mineralogy and geology. Benedict Hall of Languages (1897) and Truax Hall of Philosophy (1900) provide ample recitation rooms for all other departments of instruction. All buildings are lighted by electricity.

Chapel and Y. M. C. A.—The Chapel (1828, enlarged 1897), occupying the central site on the campus, is the home of the religious life of the College. It contains a fine organ and memorial windows. Here are held public lectures and the commencement exercises. It is also the College Church. Silliman Hall (1889), at the west end of the campus, accommodates the Young Men's Christian Association and furnishes a reading room and meeting place for the students.

Commons—The Soper Commons (1903), a dignified Gothic dining hall, has accommodations for furnishing table board to two hundred students. It is the center of the collective social life of the College. Here are held college dinners,

large student gatherings, and the almuni luncheon at commencement.

GYMNASIUM AND ATHLETIC FIELD—The Soper Gymnasium (1891, remodeled 1912) is equipped to afford complete facilities for indoor training. The ground floor contains the director's office, a large locker room with two hundred steel lockers, dressing rooms, showers, and a swimming pool. The main exercising room above is fitted with an oval running track, handball and baskeball courts, and wall and floor apparatus. A physical examination is required of each student on entrance.

The Steuben Athletic Field, adjoining the main group of buildings, has tennis courts, football field, baseball diamond, a quarter-mile oval and a 220-yard straightaway track.

LIBRARY—The new Library, recently completed at a cost of $120,000, is a substantial fire-proof building, well adapted to the needs of the College. It has a large reading room, 30 by 65 feet in size, with an open stack room adjoining, accommodating a selected students' library of about 10,000 volumes; a main stack room with a capacity of 120,000 volumes; several seminar rooms and studies for the use of students and faculty; and a memorial hall containing the college collection of portraits and objects of historical interest.

The Library is open every college week-day from eight-fifteen to twelve-thirty, from one-thirty to six, and from seven-thirty to ten; on Sundays from two till four; and in vacations daily from eleven to twelve. Instruction is given to all new students in the use of the catalogues and reference books, and in methods of working in the Library. Under certain restrictions students are admitted to the stacks.

At present the Library contains about 75,700 volumes and 23,000 pamphlets. It is card catalogued both by authors and by subjects. About 225 current periodicals and serials are received. Special endowments, supplemented by appropria-

tions from the general funds of the College, provide for its growth. There were added 5,386 volumes during the year of 1916-17. In the selection of books primary regard is given to the wants of the several departments of instruction; but recommendations for the purchase of books of general interest, or such as any student desires for his own reading, always receive attention and are acted upon favorably if possible.

SCIENTIFIC COLLECTIONS

The Museum of Natural History, located in Knox Hall, contains valuable scientific collections, the most important of which are classified as follows:

GEOLOGY AND MINERALOGY: 2,500 specimens of fossils and rocks to illustrate the geology of New York; 2,000 specimens of fossils and rocks to illustrate the geology of the United States; 600 fossils, mainly from the early paleozoic formations of Europe; 2,000 or more valuable specimens of fossils and minerals, the gift of John D. Conley, '69; 1,000 fossils, mainly from the early paleozoic formations of New York, the gift of Egbert Bagg of Utica; 1,000 ores, building stones, and other minerals of economic value, from many important mining regions of the world; 10,000 minerals from many parts of the world, but especially from New York, largely accumulated by Dr. Oren Root, Sr. One special collection is named "The Oren Root Collection of New York State Minerals," containing many unusual specimens, some of which are the finest known of their several kinds.

BIOLOGY: The Barlow collection, comprising 13,000 insects, presented by the late Hon. Thomas Barlow, of Canastota, supplemented by fine groups of birds and mammals; 500 other specimens of birds well mounted and labeled; 3,000 land, fresh-water, and marine shells, accurately classified and arranged; a collection of Japanese shells and insects, presented by Rev. Henry Loomis, '66; the extensive Herbarium of the late Dr. H. P. Sartwell, of Penn Yan, well known as a fine exhibition of North American flora; a large and valuable collection of butterflies, presented by Benj. W. Arnold, '86, of Albany; three cases filled with modern sea-weeds, sponges, corals, star-fishes, crustaceans, etc.

In addition, there is a collection of about 2,000 Indian relics, especially arrow-heads, from many parts of the United States, and many miscellaneous objects of interest.

RELIGIOUS INSTRUCTION

The College, while under no denominational control, is distinctly Christian, and regards divine worship as a regular part of the life of its students. It avows its historic debt both to the Christian faith and to the patriotic devotion of its founders, and treats the devout recognition of God, revealed in His world and His word, as elemental and indispensable in the development of true manhood.

As a regular college exercise there is held in the Chapel each week-day morning at eight a brief service, with Bible reading, praise and prayer. Each Sunday afternoon at four there is public worship, at which all members of the College are required to be present. The college preachers for the year 1917-1918 include the following:

J. Howard Hobbs, D.D., Utica.
George B. Swinnerton, Oneida.
Edward A. McMaster, Saratoga Springs.
Professor Arthur S. Hoyt, D.D., Auburn.
Charles McKenzie, D.D., Johnstown.
Darwin F. Pickard, D.D., Watertown.
Ralph W. Brokaw, D.D., Utica.
Charles M. Dodge, Utica.
Milton B. Pratt, D.D., Utica.
Henry W. Maier, New Britain, Conn.
Louis G. Colson, Camden.
John S. Zelie, D.D., Plainfield, N. J.
Alexander R. Barron, New York Mills.
Cyrus Townsend Brady, LL.D., Yonkers.
Robert G. McGregor, D.D., New Rochelle.
William L. Sawtelle, Scranton, Penn.
Willard P. Soper, Clinton.
Carl W. Scovel, Cortland.

Warren S. Stone, Rochester.
William P. Scheel, D.D., New York.
Frederick W. Palmer, D.D., Auburn.
Charles G. Sewall, D.D., Albany.
Paul M. Strayer, D.D., Rochester.
Professor Harry C. Reed, D.D., Auburn.
M. Woolsey Stryker, D.D., Rome.
Willis H. Butler, D.D., Brookline, Mass.
Dean George Hodges, D.D., Cambridge, Mass.

Every Christian man entering the College is urged to become a member of the College Church, by letters either of commendation or of transfer. The Lord's Supper is celebrated three times in the college year.

The Young Men's Christian Association maintains an active and influential life. Under its direction voluntary religious meetings and courses of special Bible study are conducted for each college class.

MYERS LECTURES

Under a memorial endowment established by the mother of the late John Ripley Myers, '87, public lectures on subjects of general interest are given annually before the College by persons of distinction. Lectures upon this foundation have been delivered as follows:

1913-1914

MAJOR GENERAL W. W. WOTHERSPOON — Dec. 6, 1913
The Military Policy of the United States, and the History of Our Army.

BRIGADIER GENERAL ALBERT L. MILLS — Jan. 10, 1914
The Militia of Our Country and Its Development as a State and National Military Resource.

MAJOR FREDERICK F. RUSSELL — Feb. 28, 1914
The Development of Sanitation in Relation to the Health of Armies.

GENERAL ERASMUS M. WEAVER — March 28, 1914
The Coast Defences of the United States.

1914-1915

PROFESSOR EUGENE WAMBAUGH, LL.D., Harvard University — Dec. 12, 1914
The Rights and Duties of Neutrals.

MR. WILLIAM H. IRWIN — Jan. 16, 1915
Experiences of a War Correspondent.

PROFESSOR JOHN BATES CLARKE, LL.D., Columbia University — Feb. 13, 1915
The Political Effects of the War.

PROFESSOR M. I. PUPIN, Ph.D., Sc.D., Columbia University — March 18, 1915
Serbia.

1915-1916

LIEUTENANT C. W. NIMITZ, U. S. N. — Jan. 15, 1916
The Construction and Operation of a Submarine.

PROFESSOR RICHARD P. STRONG, LL.D., Harvard University — Feb. 19, 1916
The Fight Against Typhus in Serbia.

MR. JOHN MASEFIELD — March 4, 1916.
English Poetry, with Readings from His Own Works.

MR. ERIC FISHER WOOD — April 1, 1916
The Battle of the Marne.

1916-1917

SIMON FLEXNER, M.D., Sc.D. — Feb. 10, 1917
The Advance of Medical Training in China.

MR. IAN HAY BEITH — Feb. 24, 1917
Kitchener's Army.

MR. SIDNEY BROOKS — March 15, 1917
Lloyd George's Cabinet.

PROFESSOR GEORGE P. BAKER March 24, 1917
Harvard University
The American Drama.

STUDENT ORGANIZATIONS

GENERAL ASSOCIATION FOR UNDERGRADUATE ACTIVITIES—The following student organizations are included in the General Association for Undergraduate Activties: the athletic teams, intramural sports, the musical clubs, the dramatic club and intercollegiate debating. The control of these various organizations is in the hands of a council or executive board of the General Association, consisting of three undergraduates, three members of the Faculty, and three alumni. A faculty member is treasurer, and through him all receipts and contributions from whatever source are received and all expenditures made.

Membership in the General Association is open to both undergraduates and alumni on the payment of an annual tax. This tax for undergraduates cannot be more than $15. Payment of this fee is optional, but expected of every student who is able. Alumni become members by subscribing annually any amount they choose, in return for which they receive an annual ticket of admission to all games and entertainments given by any of these college organizations, either at home or elsewhere. All games and entertainments on College Hill are free to undergraduates.

LITERARY CLUBS—Several study clubs help to bring the members of the college community into closer personal touch. These, the German Club, the French Club, the Latin Club, and the English Literature Club, are directed by the heads of the departments concerned, and meet weekly or fortnightly.

PUBLICATIONS—The student publications are *Hamilton Life,* a weekly; the *Hamilton Literary Magazine,* a monthly; and the

Hamiltonian, the annual. The *Blue Book,* a handbook of general college matters, is distributed each fall by the Y. M. C. A.

EXPENSES

Annual college charges include the following:

FOR ALL STUDENTS

Tuition	$90
Contingent charge	30
Undergraduate Activities (maximum tax)	15

FOR RESIDENTS OF THE DORMITORIES

Room rent in	
Carnegie Hall	$84
South College	75
North College	40 to 50
Electric light, by meter, about	8

The Soper Commons is organized cooperatively under the supervision of the Manager, Miss Grace E. de Regt. The price of board during the autumn of this year was $5.50 a week.

Living expenses for students who room and board in society houses or elsewhere may vary slightly from the figures given above. The cost of furnishing dormitory rooms may be from $30 to $80 for each occupant. Laboratory fees are charged in some scientific courses, ranging from $3 to $20 for the year. The graduation fee is $10. A student's additional expenses will necessarily be governed by his tastes, resources, and appreciation of the value of money.

All college bills, including bills for board in Commons Hall, are payable semi-annually in advance. The Trustees instruct the Bursar to report the names of all students who at the end of the tenth day of each term are delinquent in the payment

of their fees, and the President is instructed to exclude such students from classes until payment is made. Absences thus incurred are not excused. Voluntary or careless damage done to college property is an extra charge to the individuals or classes responsible. If these are not known, the charge is assessed upon the whole student body, *pro rata*. No deduction in tuition fees is made for absence, either in case a student returns to a class which he has left, or enters late, or is absent under discipline, or is dropped. No student can receive a degree or honorable dismissal whose college bills are unpaid.

THE SUMMER SCHOOL OF ENGLISH

The Summer School of English opens for its fifth year July 8, 1918, and closes August 16. Only English subjects are taught. The School is open to both men and women. A catalogue giving full details may be obtained from Professor Calvin Leslie Lewis.

DIRECTORY

The post-office address of the College is Clinton, New York.

The railroads are: the New York, Ontario & Western, Utica Division, and the New York State Railways (electric), Clinton line. Electric cars leave Utica at a quarter before and a quarter past the hour; they leave Clinton on the even hour and half-hour.

Adams Express via the N. Y., O. & W. R. R. Electric Express from Utica.

All correspondence should be addressed to the President.

DEGREES, HONORS, AND PRIZES

1916-1917

DEGREES IN COURSE

Bachelor of Arts

John Robert Adams
Louis Baumer
Phillip Ten Broeck Bissell
John Boyce
Louis Newell Brockway
James Marshall Campbell
William Hale Dayton
Raymond Roscoe Dise
Joseph Cyril Donoghue
Walter Emmet Donohue
Ernest Stacey Griffith
Raymond Johnson Hood
John Angell Jones
Willis Knapp Jones
William Leslie Lewis
Daniel Luce, Jr.
Gilbert Russell Lyon
Edwin Roberts Moore
Thomas LeRoy Muir
John Joseph Musselman
George Eliot Norton
Thomas Lazear Orr
Robert Leet Patterson
Isaac Stanton Pendleton
Stanley Stewart Saunders
Paul Chatham Squires
Howard Gibson Stackhouse
Chauncey Shaffer Truax
Clayton Bagshaw Weed
Carleton Clark Young

Bachelor of Philosophy

Joseph Christopher Behan, Jr.
William McLaren Bristol, Jr.
Edward Joseph Emeny
Charles Hoffman Hamlin
William Stuart Holden
Lynn Culver Horton
Charles Albert Leonard
Librador Meola
Leland Lamont Pohl
James Daniel Seaver
Edwin Bruce Shields
John Allen Tallmadge
Clifton Bion Whitman
Adariah Cotter Woolnough
Leslie Willard Yule

Bachelor of Science

Frederick Munger Miller, Jr.

Bachelor of Arts, Nunc pro Tunc

John Terbush Bissell, '15

Master of Arts

Harold Everett Hallman, '05
Karl Froas Adams, '08
Richard John Williams, '09
Cedric Stephen Adams, '12
Raymond Durston Fear, '13
Erskine Reed Myer, '13
Leet Wilson Bissell, '14
George Warren Walker, '14

Master of Philosophy

Raymond Chester White, '04
Junius Drhu Meeker, '07
Earl Parry Watkin, '12
Frank Rockwood Wassung, '13
Carl Lamson Carmer, '14

Master of Science

George Daniel Edwards, '10
Willard Burdick Eddy, '14

The Master's Oration was delivered by Carl Lamson Carmer, Ph.B., '14

HONORARY DEGREES

Doctor of Laws

Frederick Carlos Ferry, Williamstown, Mass.
Thomas Edward Finegan, Albany

HONORS

Scholarship Honors for the Course

Class of 1917

High Honor

Stanley Stewart Saunders, *Valedictorian*
Ernest Stacey Griffith, *Salutatorian*

Honor

James Marshall Campbell
Charles Hoffman Hamlin
William Stuart Holden
Gilbert Russell Lyon
Edwin Roberts Moore
Paul Chatham Squires
Chauncey Shaffer Truax

CREDIT

William McLaren Bristol, Jr.
Raymond Roscoe Dise
Edward Joseph Emeny
Raymond Johnson Hood
John Angell Jones
Willis Knapp Jones
Charles Albert Leonard
Frederick Munger Miller, Jr.
Thomas Lazear Orr
James Daniel Seaver

SCHOLARSHIP HONORS FOR THE YEAR 1916-1917

Class of 1917

HIGH HONOR—Messrs. Campbell, Hamlin, Saunders, Squires, Truax.

HONOR—Messrs. Brockway, Griffith, Holden, Hood, Miller, Moore, Patterson, Seaver, Tallmadge, Woolnough.

CREDIT—Messrs. Baumer, Behan, Bissell, Bristol, Dise, Donohue, Emeny, Horton, W. K. Jones, Leonard, Lyon, Meola, Muir, Stackhouse, Whitman, Young, Yule.

Class of 1918

HIGH HONOR—Mr. Jessup.

HONOR—Messrs. Bull, De Santis, Dodge, Hasbrouck, Link, Roberts, Yeandle.

CREDIT—Messrs. Cavanagh, Hawks, Jones, Lowell, Moore, Timerman.

Class of 1919

HIGH HONOR—Messrs. Hutchinson, Skinner, Stratton.

HONOR—Messrs. Giddings, Keeler, Pierce, Reed, Wheeler.

CREDIT—Messrs. Bratton, Clegg, Ferguson, Fuller, Hamlin, Ives, MacKie, Perkins, Spinning.

Class of 1920

HIGH HONOR—Messrs. Couper, Meritt, A. R. Thompson, Thorp.

HONOR—Messrs. Covey, T. B. Gorman, Lopardo, Rosenthal, C. H. Thompson, Turner.

CREDIT—Messrs. Bolenius, D'Amico, Elliott, Foss, Rice, Ritterbusch, Salbitano, Sturges, Weaver.

Department Honors

Class of 1917

Greek. Messrs. Campbell, Griffith.
Latin. Messrs. Campbell, Griffith.
German. Messrs. Bissell, Hamlin, Holden, Leonard, Squires.
French. Messrs. Hamlin, Holden, Moore, Truax.
Public Speaking. Messrs. Campbell, Saunders.
English Language and Literature. Mr. Patterson.
Philosophy. Messrs. Squires, Truax, Woolnough.
Ethics and Bible. Messrs. Campbell, Griffith, Holden, Patterson, Saunders.
Mathematics. Messrs. Griffith, Saunders.
Physics. Messrs. Miller, Saunders.

PRIZES

Root Fellowship. Stanley Stewart Saunders.
Locke Fellowship. James Marshall Campbell.
Chauncey S. Truax Greek Scholarship. No competition.
Edward Huntington Mathematical Scholarship. George T. Link.
Arthur W. Soper Latin Scholarship. Paul D. Hasbrouck.
Charles Holland Duell German Scholarship. Walter D. Bull.
Oren Root Mathematical Scholarships. Oliver W. Hutchinson, Charles A. Keeler, Stuart S. Wheeler.
Sixty-second Clark Prize Oration. Stanley Stewart Saunders. The other appointees to the contest: Messrs. Bristol, Campbell, Horton, Lyon, Squires.
Fifty-fifth Pruyn Medal Oration. James D. Seaver.
Fifty-fourth Head Prize Oration. Paul C. Squires.
Forty-fifth Kirkland Prize Oration. No award.
Forty-ninth McKinney Prize Debate. *First,* Ernest S. Griffith; *Second,* Thomas L. Muir. The other appointees to the contest: Messrs. Campbell, Moore, Saunders, Seaver.
Twenty-fifth Soper Prize Thesis. No award.
Underwood Prize in Chemistry. Frederick M. Miller, Jr.
Southworth Prize in Physics. Stanley Stewart Saunders.
Darling Prize in American History. No competition.
Warfield Prize in German. Philip T. Bissell.
Tower Prize in French. Chauncey S. Truax.

TOWER PRIZE IN SPANISH. Charles A. Leonard.

TOMPKINS MATHEMATICAL PRIZES. *First,* George T. Link; *Second,* Norman Insley.

CURRAN MEDALS IN GREEK AND LATIN. No competition.

HAWLEY CLASSICAL MEDALS. No competition.

KELLOGG ESSAY PRIZES.

Juniors. Subject, "Napoleon as an Organizer." *Prize,* John H. Bruins.

Subject, "The Negro in Southern Fiction." *Prize,* Newell H. Timerman.

Sophomores. Subject, "The Literary Career of Charles Godfrey Leland." *Prize,* Norman C. Giddings.

Freshmen. Subject, "Great Libraries of the World." *Prize,* Edgar W. Couper; *Mention,* William W. Thorp.

Subject, "The History of the American Flag." *Prize,* Richard S. Beeman.

COBB ESSAY PRIZE. *Subject,* "The Sunday Newspaper." No competition.

HUTTON ESSAY PRIZE. *Subject,* "William Tyndale." *Prize,* Oliver W. Hutchinson.

MCKINNEY PRIZE DECLAMATION.

Juniors. First, Earll H. Clum; *Second,* Reginald A. Cavanagh.

Sophomores. First, Chester H. Stratton; *Second,* William P. Welsh.

Freshmen. First, John T. Martin; *Second,* John H. Burke.

MAYNARD ENTRANCE PRIZE. Edgar W. Couper.

BROCKWAY ENTRANCE PRIZE. Sydney G. Rosenthal.

FAYERWEATHER SCHOLARSHIPS. William H. Forshay, Jr., Joseph B. Rodgers, Allen E. Throop.

VROOMAN SCHOLARSHIP. Franklin C. Fry.

MAYNARD ENTRANCE PRIZE, 1917. *Candidate,* Joseph B. Rodgers.

BROCKWAY ENTRANCE PRIZE, 1917. *Candidate,* Allen E. Throop.

ASSOCIATIONS OF ALUMNI

GENERAL SOCIETY OF ALUMNI

President, Henry W. Callahan, '78.
Vice-Presidents, Clark H. Timerman, '87; *William H. Kelly, '91; Charles M. Dodge, '91.
Recording Secretary, William H. Squires, '88, Clinton.
Corresponding Secretary, William P. Shepard, '92, Clinton.
Necrologist, Edward Fitch, '86, Clinton.
Executive Committee, Edward Fitch, '86; Herman C. G. Brandt, '72; William H. Squires, '88; Calvin L. Lewis, '90; William P. Shepard, '92.

The membership includes all who have received degrees from the College.

The annual meeting is held on Saturday of commencement week in the Chapel; in 1917 on June 15 at 10:30 a. m.

A Trustee of the College is elected by the alumni annually, to hold office for four years. Only graduates of the College of ten years' standing are eligible to election. Graduates of three years' standing are entitled to vote.

Not later than March first of each year, a notice is sent to each alumnus who is entitled to vote, stating the vacancy or vacancies to be filled, and asking for nominations. The preliminary ballot closes on the fifteenth of April. Not later than May tenth of each year a blank ballot containing the names of the six candidates receiving the highest number of votes is sent to each voter. The ballots for the election of trustees must be sent to some member of the Executive Committee of the Society of Alumni. In order to be counted they must be received before the beginning of the Annual Meeting of the Society, held on the Saturday of Commencement Week. The voter's choice must be registered upon the ballot form which is furnished by the College. No other ballots will be received or counted. In case of loss, duplicate blank forms will be furnished upon application.

The ballots as received by the members of the Executive Committee shall be placed in the hands of two inspectors of election, appointed by the Board of Trustees, who shall canvass the vote, declare the result to the Alumni meeting, and communicate the result in writing to the Board of Trustees.

A plurality of all ballots cast shall constitute an election, provided that such plurality is not less than one-third of the total vote.

LOCAL ASSOCIATIONS

New York City

President, Warren I. Lee, '99, 34 Nassau St., New York.
Secretary, Edward E. Stowell, '01, 43 Exchange Place, New York.

New York State Academic Principals

President, Charles L. Mosher, '99 Saratoga Springs.
Secretary, James D. Erskine, '11, Syracuse.

Chicago and the West

President, Henry Kitchell Webster, '97, Evanston, Ill.
Secretary, Ernest O. Heyl, '99, 9014 S. Robey St., Chicago, Ill.

Central New York

President, Frederick M. Calder, '82, Utica City Natl. Bank Bldg., Utica.
Secretary, Seward A. Miller, '99, 108 Genesee Street, Utica.

New England

President, Thomas H. Norton, '73, Washington, D. C.
Secretary, Paul D. Kneeland, '09, 21 Eaton Street, Winchester, Mass.

Washington and Vicinity

President, Ralph W. Stone, '99, 2739 Macomb St., Washington, D. C.
Secretary, M. B. Landers, '03, Woolworth Bldg., New York.

Broome County

President, Thomas J. Mangan, '94, 204 Court St., Binghamton, N. Y.
Secrteary, George H. Lyon, '13, Binghamton, N. Y.

Brooklyn

President, Alexander Wouters, '93, 193 Rutland Road, Brooklyn.
Secretary, William H. Stone, '10, 62 Pierrepont St., Brooklyn.

Syracuse

President, A. Judd Northrup, '58, Syracuse.
Secretary, Bradford W. Sherwood, '82, 1441 S. Salina St., Syracuse.

Pacific Coast

President, Thomas E. Hayden, '91, 830 Monadnock Building, San Francisco, Cal.
Secretary, Henry K. Booth, '98, Longbeach, Cal.

Rochester

President, Warren S. Stone, '99, First Presbyterian Church, Rochester.
Secretary, John N. McMath, '10, 373 Oxford Street, Rochester.

Eastern New York

President, George B. Smith, '08, 277 State St., Schenectady, N. Y.
Secretary, J. Howard Hahn, '13, 410 Hudson Avenue, Albany.

Western New York

President, Philip A. Laing, '80, City Hall, Buffalo.
Secretary, George H. Sicard, '06, 153 Anderson Place, Buffalo.

Upper Missouri Valley

President, Nathaniel McGiffin, '93, Fremont, Neb.
Secretary, Dean R. Leland, '89, Lincoln, Neb.

New Jersey

President, Alexander C. Soper, '67, Lakewood, N. J.
Secretary, Frederick P. Lee, '15, 38 Donaldson Ave., Rutherford, N. J.

Ohio

President, Clarence O. Clark, '83, Rio Grande, O.
Secretary, R. W. Leavenworth, '14, Y. M. C. A., Cleveland, O.

STUDENTS

(c—Classical Course; L. S.—Latin-Scientific Course)

Fellows

Campbell, James Marshall, A. B., 1917	Warsaw, N. Y.
Locke Fellow in Greek	Princeton University
Saunders, Stanley Stewart, A. B., 1917	Clinton, N. Y.
Root Fellow in Physical Science	(Tenure deferred on account of military service.)

Seniors, Class of 1918

Beach, Clinton Radford, C.	*Skaneateles*	ΘΔX House
Briggs, William Wright, C.	*Cassville*	XΨ Lodge
Brooks, Kenneth Julius, C.	*Albion*	20 Skinner
Bruins, John Herman, C.	*Theresa*	Emerson Hall
Bull, Walter Dean, L. S.	*New York*	7 Carnegie
Cavanagh, Reginald Austin, L. S.	*Boonville*	ΔΤ House
Clum, Earll Hoag, L. S.	*Saugerties*	ΔKE House
Collins, Lewis Steele, C.	*Batavia*	XΨ Lodge
De Santis, Joseph, C.	*New York*	Emerson Hall
Dodge, Harold Swan, C.	*Utica*	ΨΤ House
Griffin, Francis Stanley, C.	*Clinton*	ΔKE House
Griffith, Henry Watson, C.	*Palmyra*	ΔΤ House
Hasbrouck, Paul De Witt, C.	*Poughkeepsie*	ΘΔX House
Hawks, Burt Daniel, C.	*Ilion*	Emerson Hall
Insley, Norman, L. S.	*Nanuet*	Emerson Hall
Jessup, Philip Caryl, C.	*New York*	ΣΦ Place
Jones, Thomas Banford, C.	*Utica*	ΨΤ House
Kelly, Joseph Reed, C.	*New York*	ΑΔΦ Hall
Kingston, Sidney David, L. S.	*Little Falls*	Emerson Hall
Link, George Theron, C.	*Binghamton*	ΔKE House
Lowell, Mark Worden, L. S.	*Chicago, Ill.*	ΔΤ House
Ludlow, Francis Eugene, C.	*Deposit*	ΔΤ House
Moore, Frank Guy, C.	*Union*	Emerson Hall
Powers, David Edward, Jr., C.	*Clinton*	9 Elm St.
Roberts, Thomas Edison, C.	*New Hartford*	21 Carnegie
Searle, James Holland, C.	*Clinton*	College St.

Sottong, Peter, L. S.	*E. Orange, N. J.*	20 Skinner
Timerman, Newell Holmes, C.	*Buffalo*	ΘΔX House
Van Auken, George Lord, L. S.	*La Crosse, Wis.*	ΑΔΦ Hall

Juniors, Class of 1919

Ackler, Harold Haggerty, C.	*Ilion*	ΘΔX House
Bratton, John William, C.	*Brooklyn*	6 South
Ferguson, Leonard Cuthbert, C.	*Hammond*	14 Carnegie
Fuller, Dean Mattison, C.	*Albion*	ΨΥ House
Giddings, Norman Curtis, C.	*Baldwinsville*	29 South
Hamlin, Paul Mahlon, C.	*Pittston, Pa.*	Chapel
Harbordt, Charles Eugene, C.	*N. Troy*	26 Skinner
Hutchinson, Oliver Wesley, C.	*Dorchester Center, Mass.*	30 South
Ives, Irving McNeil, C.	*Bainbridge*	1 South
Keeler, Charles Addison, C.	*Binghamton*	ΔKE House
McLean, William Melville, Jr., L. S.	*Binghamton*	XΨ Lodge
Miller, Barton Duncan, C.	*Deansboro*	19 Carnegie
Morrow, James Kenneth, L. S.	*Walton*	12 South
Pape, Leslie Manock, C.	*Utica*	ΔΥ House
Parks, Gardner Fenner, C.	*Newport*	5 South
Perkins, Roswell Roy, L. S.	*Ogdensburg*	ΨΥ House
Pierce, Albert Hopkins, L. S.	*Flushing*	XΨ Lodge
Reed, Harold Harper, C.	*Lydnhurst, N. J.*	17 Carnegie
Riley, John Stewart, L. S.	*Rockford, Ill.*	8 South
Shirley, Daniel LeRoy, L. S.	*Arlington*	ΘΔX House
Skinner, Theodore Hawthorn, C.	*E. Las Vegas, N. M.*	Chapel
Spinning, Ralph Edmund, C.	*Rome*	6 South
Stone, Andrew Waldron, L. S.	*Elgin, Ill.*	1 Carnegie
Stratton, Chester Hodge, L. S.	*Oxford*	28 Skinner
Valentine, Rushmore Rowley, C.	*Patchogue*	13 Carnegie
Van Norden, John, L. S.	*New York*	9 South
Welsh, William Palmer, C.	*Binghamton*	5 South
White, James Barlow, L. S.	*Champlain*	ΔKE House

Special Student, Third Year

Scott, Eugene Field	*Rochester*	ΑΔΦ Hall

Sophomores, Class of 1920

Allen, Howard Cameron, L. S.	*Johnstown*	ΘΔX House
Atwood, Ralph Edward, L. S.	*Endicott*	28 South
Barber, Henry Oakland, L. S.	*Binghamton*	20 South
Barnett, Gordon James, C.	*Millbrook*	2 South
Baumer, Joseph Anton, L. S.	*Syracuse*	ΨΥ House
Baumler, Francis Peter, C.	*Clinton*	College St.
Beeman, Richmond Simmons, C.	*Canandaigua*	18 South
Bodle, Ralph Robinson, L. S.	*Endicott*	22 South
Bolenius, William Conrad, C.	*Auburn*	20 Carnegie
Brandt, Schuyler Buell, L. S.	*Oak Park, Ill.*	9 Carnegie
Brewer, Selden, L. S.	*Westfield*	26 South
Brown, Ellis David, C.	*West Schuyler*	16 Carnegie
Burke, John Henry, L. S.	*Vernon*	24 South
Cairns, Samuel Budd, L. S.	*Houghton, Mich.*	14 South
Clarke, Francis Stanton, L. S.	*Norwich*	18 South
Cobb, Wyman Morris, C.	*New York*	21 South
Coonradt, Paul Talbot, C.	*Utica*	ΣΦ Place
Couper, Edgar Williams, C.	*Binghamton*	3 South
Covey, Harold Walter, C.	*Westfield*	25 South
D'Amico, Charles Clarence, L. S.	*Albion*	24 Skinner
Doyle, Arthur Joseph, L. S.	*Canandaigua*	15 South
Elliott, Robert Sewell, C.	*Clinton*	53 College St.
Fletcher, Lucian, L. S.	*Rutherford, N. J.*	22 Carnegie
Foss, Herman Martin, C.	*Delhi*	22 South
Gorman, Thomas Bartle, C.	*Utica*	24 South
Guy, Robert Bates, L. S.	*Binghamton*	4 Carnegie
Jewett, Grandjean Grant, L. S.	*Utica*	24 South
Johnson, Harmon Willard, C.	*Clinton, Ill.*	9 South
Kaiser, Richard Wagner, C.	*New Rochelle*	9 Carnegie
Keane, Walter John, L. S.	*Binghamton*	8 South
Kneeland, Harmon Bonnell, C.	*Binghamton*	XΨ Lodge
Lee, George Sterling, Jr., L. S.	*Rutherford, N. J.*	22 Carnegie
Lopardo, Rocco Anthony, C.	*Utica*	5 Skinner
MacEwan, Nigel Savage, L. S.	*Walton*	12 South
MacLachlan, Archibald Kenneth, C.	*Jamaica*	7 South
Martin, John Tilden, L. S.	*Yonkers*	9 Carnegie
Mengerink, John Richard, Jr., L. S.	*Rochester*	15 Carnegie
Merritt, Benjamin Dean, C.	*Vernon*	13 South
Moffat, Samuel Raymond, L. S.	*Pittsburgh, Pa.*	3 South

Morton, Harman Le Grand, L. S.	*Westfield, N. J.*	28 South
Neff, John Frederick, Jr., L. S.	*Niagara Falls*	4 South
Nino, Salvator, L. S.	*Coeymans*	24 Skinner
Peters, James Donald, L. S.	*Utica*	15 Carnegie
Potter, Forrest Almond, C.	*Binghamton*	20 South
Rice, Leland Melville, L. S.	*Passaic, N. J.*	7 South
Ritterbusch, Richmond Hobson, L. S.	*Dunellen, N. J.*	20 Carnegie
Romer, Kinsley Gird, L. S.	*Utica*	2 Carnegie
Rosenthal, Sydney Greene, L. S.	*Johnstown*	27 South
Ruff, Winton Clark, C.	*Arkville*	16 Carnegie
Salbitano, Luigi Umberto, C.	*Utica*	5 Skinner
Sandblom, Frederick Gustave, L. S.	*Croton-on-Hudson*	ΑΔΦ Hall
Schwarz, Gordon Dickinson, L. S.	*Jersey City, N. J.*	ΘΔΧ House
Stackhouse, Asa Matlack, C.	*Utica*	2 South
Thomas, Walter Meredith, L. S.	*Utica*	7 Carnegie
Thompson, Arthur Ruel, C.	*Westfield*	25 South
Thompson, Claude Henry, L. S.	*Binghamton*	4 South
Thorp, William Willard, C.	*Sidney*	ΨΥ House
Tower, Arthur Frederick, C.	*Albany*	21 South
Turner, Theodore Sheldon, L. S.	*Seattle, Wash.*	ΑΔΦ Hall
Weaver, Randolph Tate, L. S.	*Chicago, Ill.*	2 Carnegie
Wright, John, L. S.	*Clark Mills*	27 South

Freshmen, Class of 1921

Ballot, Paul Ludovic, L. S.	*Brooklyn*	ΔΚΕ House
Barron, Norman Macdonald, C.	*New York Mills*	ΑΔΦ Hall
Barry, Walter Russell, L. S.	*Brooklyn*	ΨΥ House
Bartlett, Harry, L. S.	*Kenwood*	Emerson Hall
Brooks, Laurence Addison, C.	*Norwich*	Silliman Hall
Campbell, Wallace Arthur, C.	*Binghamton*	Emerson Hall
Chadeayne, Leander Fisher, L. S.	*Ossining*	ΣΦ Place
Clark, Arthur Bailey, L. S.	*New Haven, Conn.*	ΧΨ Lodge
Clay, Harold Joseph, L. S.	*East Aurora*	6 South
Coupe, Henry Francis, Jr., C.	*Utica*	ΔΚΕ House
Cowan, Roy Wilson, L. S.	*Ogdensburg*	19 Carnegie
Culver, Clifford Benjamin, L. S.	*West Oneonta*	19 South
Daniels, Ruel Edgar, L. S.	*Newark, N. J.*	ΔΥ House
Davison, Leon Appenzeller, L. S.	*Watertown*	21 Carnegie
Decker, J Walter, C	*S. Fallsburg*	29 South
Dunning, Robert, L. S.	*Smithville Flats*	Silliman Hall

Durkee, John Gordon, C.	*Clinton*	Fountain St.
Farrell, Robert Macalister, L. S.	*Whitesboro*	1 Carnegie
Fisk, Elliott Randall, C.	*Fairport*	ΨΥ House
Fitzpatrick, William Houston, L. S.	*Clinton*	ΨΥ House
Fletcher, Theodore Roosevelt, C.	*Johnson City*	ΔKE House
Flynn, John Birchman, L. S.	*Binghamton*	Emerson Hall
Forshay, William Henry, Jr., L. S.	*Glen Ridge, N. J.*	ΔKE House
Fry, Franklin Clark, C.	*Rochester*	12 South
Gray, Edmond William, L. S.	*Frasers*	ΘΔX House
Griffith, William Morrison, L. S.	*Jamaica*	13 Carnegie
Harper, Monteith, C.	*Delhi*	ΘΔX House
Hart, Howard Wilber, L. S.	*Mexico*	28 Skinner
Hawkins, Allen Wardwell, L. S.	*Syracuse*	ΨΥ House
Hewitt, Charles Gardner, L. S.	*Syracuse*	14 South
Hirshheimer, Earl Spencer, L. S.	*La Crosse, Wis.*	XΨ Lodge
Holler, John Emanuel, C.	*Chambersburg, Pa.*	ΨΥ House
Hopkins, Henry Underwood, C.	*New Hartford*	ΔΥ House
Hutchens, Harold Goodale, L. S.	*Phelps*	ΘΔX House
Ingersoll, Edward Sheldon, C.	*New York Mills*	16 Carnegie
Jennings, Daniel Radnor, C.	*Oneonta*	27 Skinner
Kaiser, Albert Louis, C.	*New Rochelle*	4 Carnegie
Keehn, Grant, L. S.	*Kenilworth, Ill.*	10 Carnegie
King, William Theodore, C.	*Binghamton*	Emerson Hall
Larned, Frank Macdonald, L. S.	*Cleveland, O.*	ΔΥ House
Lawler, James Bernard, L. S.	*Oneida*	17 Carnegie
McClay, David, C.	*Pittsburgh, Pa.*	9 South
McDade, Charles James, L. S.	*Canandaigua*	15 South
McKenzie, John Gordon, L. S	*Utica*	30 South
McVay, William Wayne, C.	*Warsaw*	26 South
McWilliams, James Kenneth, C.	*Ossining*	ΣΦ Place
Maier, Joseph Ward, L. S.	*New Britain, Conn.*	ΘΔX House
Mathewson, Angell, L. S.	*Mexico*	26 Skinner
Miller, Perry Brackett, L. S.	*Utica*	14 Carnegie
Moore, John Edmund, L. S.	*Syracuse*	ΨΥ House
Parker, Walter Howard, C.	*Binghamton*	XΨ Lodge
Paton, Coutant Theodore, L. S.	*Forest Hills, L. I.*	ΔΥ House
Peck, Fayette Hamilton, L. S.	*Richmond Hill, L. I.*	ΨΥ House
Pendleton, Charles Nathan, C.	*Oneonta*	ΘΔX House
Pickard, Clarence Giles, L. S.	*Jamestown*	XΨ Lodge
Pierce, Luther Leroy, L. S.	*Portland*	Emerson Hall
Pritchard, Pirnie, C.	*Utica*	ΔKE House

Pritchett, William Lewis, Jr., C.	*Brooklyn*	ΨΥ House
Reid, John Gilbert, L. S.	*Shanghai, China*	ΔKE House
Restle, Charles Stanley, L. S.	*Clinton*	Emerson Hall
Roberts, Leo Harry, C.	*Clinton*	College St.
Rodgers, Joseph Brown, C.	*Rutherford, N. J.*	ΔΥ House
Roney, Stanley Charles, C.	*N. Franklin*	27 Skinner
Rudd, Thomas Brown, L. S.	*Clinton*	10 Carnegie
Seaver, Charles Hunneman, C.	*Brooklyn*	ΨΥ House
Sinclair, Robert Owen, L. S.	*Clinton*	XΨ Lodge
Spencer, Adrian Lamoreaux, L. S.	*Union Springs*	19 South
Terrell, George Kenneth, L. S.	*Flushing*	XΨ Lodge
Thompson, Wesley Goodman, L. S.	*Newark*	ΔKE House
Throop, Allen Eaton, L. S.	*Wilmington, Del.*	30 South
Van Hoesen, Mynderse Gross, C.	*Cortland*	1 South
Van Kennen, John Dehn, C.	*Ogdensburg*	ΔKE House
Weller, Horace Bertram, C.	*Albany*	Emerson Hall
Wettel, William Albert, L. S.	*Kenwood*	Emerson Hall
Whitbeck, G Paul, L. S.	*Troy*	ΑΔΦ Hall
Williams, Robert Irving, L. S.	*Ossining*	13 South
Wynkoop, William Niver, L. S.	*Syracuse*	ΨΥ House

SPECIAL STUDENT, FIRST YEAR

Dean, Elmer, Jr.	*Elmira*	ΘΔX House

Summary of Students

	Classical	Latin-Scientific	Total
Fellows			2
Seniors	21	8	29
Juniors	18	10	28
Sophomores	25	36	61
Freshmen	30	47	77
Special Students			2
Total	94	101	199

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